

1913

# Old School Catalog 1913-14, Fortieth Annual Catalog

Valparaiso University

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# Valparaiso University

## Bulletin

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VALPARAISO UNIVERSITY

Fortieth Annual Catalog

1913--1914

Valparaiso, Indiana



## CALENDAR

### FIRST QUARTER, (FALL TERM)

Will open September 16, 1913, and will continue twelve weeks.

### SECOND QUARTER, (WINTER TERM)

Will open December 9, 1913, and will continue twelve weeks.

### THIRD QUARTER, (SPRING TERM)

Will open March 3, 1914, and will continue twelve weeks.

### FOURTH QUARTER, (SUMMER TERM)

Will open May 26, 1914, and will continue twelve weeks.

### MID-SUMMER TERM

Will open June 23, 1914, and will continue eight weeks.

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## HOW TO REACH VALPARAISO.

Valparaiso, containing about 8,000 inhabitants, is easily reached from all points, being located on the Pittsburg, Ft. Wayne & Chicago, the Grand Trunk, and the New York, Chicago & St. Louis (Nickel Plate) Railroads, 44 miles east of Chicago. Going westward, these roads make connection at Chicago with all lines leading into the city. Going eastward, the Pittsburg, Ft. Wayne & Chicago Railway makes connections at Plymouth with the Lake Erie & Western Railway (natural gas route), and the Vandalia Line. These make connections with all roads leading into Indianapolis. Farther eastward the Pittsburg, Ft. Wayne & Chicago Railway makes connections with all north and south lines. Going eastward the Grand Trunk Railway makes connections at Wellsboro with the Baltimore & Ohio and the Chicago & West Michigan Railway, at South Bend with the Lake Shore & Michigan Southern, and with all north and south lines in Michigan. Going eastward the New York, Chicago & St. Louis Railway makes connections with all north and south lines. The Chicago, Indianapolis & Louisville Railway (Monon Route), running the entire length of the State from north to south, also from Indianapolis, makes connection at Hammond with the New York, Chicago & St. Louis Railway. At Grand Crossing, nine miles east of Chicago, the Pittsburg, Ft. Wayne & Chicago and the New York, Chicago & St. Louis Railways make connection with the Big Four (Cleveland, Cincinnati, Chicago & St. Louis) Railway. The city is situated in as beautiful and fertile a tract of country as can be found in the West, and for healthfulness is unsurpassed. These facts, together with the intelligence and Christian character of its inhabitants, make it one of the most desirable places for a literary institution anywhere to be found.

EXPENSES ARE LESS HERE THAN AT ANY OTHER  
INSTITUTION OF LEARNING IN THE LAND

ARCHIVES

VALPARAISO UNIVERSITY

# The Fortieth Annual Catalog

OF

## Valparaiso University

(Accredited)

VALPARAISO, INDIANA

FOR THE YEAR

1913-1914

One of the Largest Institutions of Learning  
in the United States

Published by the University



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## FACULTY

---

HENRY B. BROWN, A. M., President of the University.

OLIVER P. KINSEY, A. M., Vice-President of the University. Dean  
of the Scientific Department.

### PROFESSORS.

HARRISON N. CARVER, A. M., Dean of the Classical Department,  
Professor of Latin.

KATHERINE E. CARVER, A. M., Professor of Latin.

BENJAMIN F. WILLIAMS, A. M., Professor of English.

MANTIE E. BALDWIN, A. M., Professor of Literature and Rhetoric.

MRS. SARAH P. KINSEY, A. M., Professor of Geography.

JOHN E. ROESSLER, A. M., Professor of German.

ELIZABETH RECHENBERG, Professor of German.

GEORGE W. NEET, Pg. D., Dean of the Department of Education.  
Professor of Psychology and Pedagogy.

WILLIAM F. ELLIS, Pg. M., Professor of Pedagogy.

JOHN H. CLOUD, Ph. D., Professor of Physics.

ALPHEUS A. WILLIAMS, A. M., Professor of Mathematics.

OLIVER E. DAMRON, B. S., Professor of Mathematics.

ELIZABETH McALILLY, B. S., Professor of Algebra and Arithmetic.

RAY C. YEOMAN, C. E., Dean of the Department of Engineering.  
Professor of Civil Engineering.

MASON L. WEEMS, A. M., Professor of Physiology and Botany.

LEE F. BENNETT, A. M., Professor of Geology and Zoology.

CALVIN S. HOOVER, A. M., Professor of History.

GEORGE D. TIMMONS, B. S., Ph. C., Head of the Department of  
Pharmacy. Professor of Chemistry.

ARTHUR W. LINTON, Ph. G., B. S., Professor of Pharmacy and Materia Medica.

JACOB PAPISH, B. S., Professor of Chemistry.

HOMER F. BLACK, A. B., Dean of the Department of Manual Training. Professor of Manual Training.

T. L. HYTTINEN, Professor of Manual Training.

CHARLES W. BENTON, A. M., Master of Accounts. Dean of the Department of Commerce. Professor of Bookkeeping.

EUGENE SKINKLE, B. S., Professor of Observation Work.

E. W. AGAR, A. B., LL. B., Professor of the Common Branches.

NATHANIEL E. RIEED, A. B., Dean of the Department of Elocution.

MRS. E. W. AGAR, Professor of Elocution and Oratory.

W. A. HOFFMAN, Professor of Penmanship.

M. JESSE BOWMAN, A. M., LL. B., Dean of the Department of Law.

JOHN BOMAN, LL. B., Professor of Law.

HON. JOHN H. GILLETT, LL. D., Professor of Law.

HON. EDGAR D. CRUMPACKER, LL. D., Professor of Law.

WILLIAM DALY, A. B., LL. B., Professor of Common Law Pleading.

WILLIAM H. DOWDELL, LL. B., Judge of the Moot Court.

A. H. READING, Lecturer on Questioned Documents.

MRS. MOLLIE C. SPARKS, Dean of the Department of Fine Art. Professor of Drawing and Painting.

GEORGE A. SPARKS, A. B., Professor of the History of Art.

GERTRUDE ABY, Professor of French.

EDMUND W. CHAFFEE, Professor of Piano, Harmony, Counterpoint and Musical Analysis.

FREDRIK NELSON, Professor of Piano.

ORLEE E. WEAVER, Professor of Voice, and Conductor of the University Chorus.

MRS. J. N. ROE, Professor of Piano, Organ and Voice.

MRS. MABEL SPOONER-SCHULDT, Professor of Piano.



---

FRITZ INGERSOLL, Professor of Violin and Cello.

MRS. J. E. ROESSLER, B. S., Professor of Guitar, Mandolin and Banjo, and in special charge of the Mandolin Club.

H. ROWLAND ROBERTS, Professor of Voice.

O. E. ROBINSON, Professor of Public School Music.

GERTRUDE HORN, Professor of Piano, Harmony and History of Music.

LEADA BARNES, Professor of Piano.

P. A. GANT, Professor of the Rudiments of Music, Notation, and Sight Singing.

MRS. G. E. STANTON, Professor of Organ.

HENRY GEISS, Professor of Clarinet, Flute, Cornet, Trombone, Saxophone. Director of the University Band.

STEPHEN P. CORBOY, B. S., A. B., Dean of the Department of Phonography and Typewriting. Professor of Phonography and Typewriting.

MRS. STEPHEN P. CORBOY, B. S., Professor of Phonography and Typewriting.

MRS. MARY HEMSTOCK, B. S., Dean of the Department of Kindergarten Methods. Professor of Kindergarten Methods.

IDA M. HAINES, B. S., Pg. B., Dean of the Department of Primary Methods.

FRANCISCO MONTEAGUDO, Professor of Spanish.

W. E. SEYMOUR, B. S., Director of Model Country School.

SEBASTIAN TANGUSSO, Professor of Italian.

J. M. LIEN, A. B., Special Professor for Foreigners.

REUBEN M. HAMILTON, B. S., Director of High School Department.

ALEXANDER MILLER, Professor of Debating.

HENRY STEVENS TUCKER, A. M., M. D., Dean of the Department of Medicine. Professor of Gynecology.

JASPER NEWTON ROE, A. M., Sc. D., Dean of the Department of Pharmacy.



- GEORGE FRANK BUTLER, A. M., Ph. G., M. D. Professor of Therapeutics. Professor of Preventive and Clinical Medicine.
- CHARLES H. DeWITT, A. M. M. S., Professor of Pathology, Professor of Histology, Professor of Anatomy.
- WILLIAM H. RUBOVITS, M. D., Professor of Obstetrics.
- EDWARD A. FISCHKIN, M. D., Professor of Dermatology and Syphilology.
- ROBERT HOSEA GOOD, M. S. M. D., Professor of Rhinology, Laryngology and Otology.
- ALBRECHT B. T. HEYM, M. D., Professor of Neurology and Psychiatry.
- CASSIUS CLAY ROGERS, A. M., M. D., LL. D., Professor of Surgery.
- WILLIAM D. ZOETHOUT, A. M., Ph. D., Professor of Physiology.
- JOHN STEPHEN NAGEL, Ph. G., M. D., Professor of Genito-Urinary Diseases.
- WILLIAM ALLEN BARR, M. D., Professor of Ophthalmology.
- WILLIAM J. BUTLER, A. M., M. D., LL. D., Professor of Medicine and Pediatrics.
- EMIL H. GRUBBE, M. D., Professor of Electro-Therapy.
- CLARA FERGUSON, M. D., Professor of Pediatrics.
- PATRICK H. O'DONNELL, A. M., LL. D., Professor of Medical Jurisprudence. Professor of Dental Jurisprudence.
- FREDERICK MUELLER, M. D., Professor of Orthopedic Surgery.
- FRANK D. MOORE, M. D., Professor of Surgery.
- HARRIS E. SANTEE, Ph. D., M. D., Professor of Nervous Anatomy.
- STEPHEN R. PIETROWICZ, M. D., Professor of Medicine and Clinical Medicine.
- EDWARD C. SEUFERT, A. M., M. D., Professor of Medicine and Clinical Medicine, and Pediatrics.
- MILTON HOWARD MACK, M. D., Professor of Diseases of Stomach and Intestines.
- GEORGE C. AMERSON, A. M., M. D., Professor of Surgery.

THOMAS G. ATKINSON, L. R. C. P. [Lond.] M. D., Professor of Neurology.

BENJAMIN H. ORNDOFF, Ph. G., M. D., Professor of Hematology and Pathology.

HENRY SCHMITZ, A. M., M. D., Professor of Gynecology.

VAUGHN L. SHEETS, M. D., Professor of Physical Diagnosis.

WILLARD D. BRODE, M. D., Professor of Thoracic Diseases and Life Insurance Examination.

OTIS NESBIT, M. D., Professor of Therapeutics.

FRED C. ZAPFFE, M. D., Professor of Operative Surgery.

JOHN PETER BUCKLEY, Ph. G., D. D. S., Professor of Dental Medicine, Professor Materia Medica and Therapeutics.

CHARLES A. CARY, B. S., Professor of Chemistry.

ALICE CONKLIN, M. D., Professor of Gynecology.

A. BAXTER MILLER, M. D., Professor of Clinical Gynecology.

JOHN VANUS FOWLER, B. S., M. D., Professor of Surgery.

ELMER E. HENDERSON, M. D., Professor of Surgery.

TRUMAN W. BROPHY, M. D., D. D. S., LL. D., Dean of Faculty Department of Dentistry. Professor of Oral Surgery.

C. N. JOHNSON, M. A., L. D. S., D. D. S., Dean of Students. Professor of Operative Dentistry.

WILLIAM L. COPELAND, M. D., C. M., M. R. C. S., [Eng.] Professor of Anatomy.

CALVIN S. CASE, M. D., D. D. S., Professor of Orthodontia.

W. H. G. LOGAN, M. D., D. D. S., Professor of Oral Pathology, Oral Hygiene, Associate Professor of Oral Surgery and Radiography.

F. E. ROACH, D. D. S., Professor of Porcelain Art.

DONALD M. GALLIE, D. D. S., Clinical Professor of Operative Dentistry.

GEORGE W. DITTMAR, D. D. S., Professor of Prosthetic Dentistry.

WILLIAM E. PUTZ, M. D., Professor of Physical Diagnosis.



- J. E. SCHAEFER, D. D. S., LL. B., Professor of Dental Jurisprudence. Instructor in Prosthetic Dentistry, Ethics, Economics.
- P. G. PUTERBAUGH, M. D., D. D. S., Professor of Oral Bacteriology, Lecturer on Anaesthesia and Instructor in Operative Dentistry.
- E. D. COOLIDGE, D. D. S., Professor of Dental Anatomy and Instructor in Operative Technics.

#### ASSOCIATE PROFESSORS.

- GEORGE W. FUNCK, Ph. G., M. D., Associate Professor of Materia Medica and Therapeutics.
- ADOLPHUS E. BERTLING, M. D., Associate Professor of Genito-Urinary Diseases.
- JAMES EDWARD REYNOLDS, B. S., M. D., Associate Professor of Gynecology.
- JAMES L. FLEMING, M. D., Associate Professor of Medicine.
- ALLEN EDGAR STEWART, M. D., Associate Professor of Surgery.
- HERBERT G. VAUGHN, M. D., Associate Professor of Medicine.
- E. BRUCE MOSS, Ph. G., M. D., Associate Professor of Surgery.
- LOUIS SCHULTZ, D. D. S., M. D., Associate Professor of Otology, Rhinology and Laryngology.
- LUCIUS B. PHELPS, M. D., Associate Professor of Otology, Laryngology and Rhinology.
- HOMER S. WARREN, M. D., Associate Professor of Surgery.
- ROBERT VON DER HEYDT, M. D., Associate Professor of Ophthalmology.
- WILLIAM G. ALLEN, M. D., Associate Professor of Anatomy.
- EDMUND G. SUGG, M. D., Associate Professor of Neurology.
- JAMES J. McGUINN, Associate Professor of Surgery.
- ARTHUR N. CLAGETT, M. D., Associate Professor of Gynecology.
- ELMORE W. ELLIOTT, Ph. G., D. D. S., Associate Professor of Materia Medica and Therapeutics.
- T. L. GRISAMORE, Ph. G., D. D. S., Associate Professor in Dental Orthopedia.



R. E. Mac Boyle, D. D. S., Associate Professor of Prosthetic Dentistry in Crown and Bridge Department and Instructor in Operative Dentistry.

#### ASSISTANT PROFESSORS.

ALTHA DeWITT, A. B., Assistant Professor of Latin.  
PETRA M. DAHL, B. S., Assistant Professor of English.  
MRS. CORA BENHAM, Assistant Professor for Foreigners.  
RUDOLPH KOCH, B. S., Pg. B., Assistant Professor of German.  
E. A. HURME, C. E., Assistant Professor of Manual Training.  
H. W. WARDLE, M. D., Assistant Professor of Surgery.  
ROBERT A. SEMPILL, Assistant Professor of Dermatology.  
N. L. JOHNSON, M. D., Assistant Professor of Surgery.  
EBEN P. S. MILLER, A. B., M. D., Assistant Professor of Medicine.  
JESSE KAUFMAN, B. S. M. D., Assistant Professor of Surgery.  
WILLIAM B. HANELIN, Assistant Professor of Nervous Anatomy.  
WILHELMINA McEACHERN, M. A., M. D., Assistant Professor of Nervous Anatomy.  
GERALD H. STONER, B. S., M. D., Assistant Professor of Minor Surgery.  
CANUTE W. RUUS, M. D., Assistant Professor of Surgery.  
JULIEN B. BECK, M. D., Assistant Professor of Dermatology.  
W. F. SCHAAARE, M. D., Assistant Professor of Surgery.  
GEORGE H. SCHROEDER, M. D., Assistant Professor of Surgery.  
A. J. KROMBAS, D. D. S., Assistant in Clinical Surgery.  
WILLIAM E. HELM, M. D., Assistant Professor of Medicine.  
WILLIAM L. GREGG, M. D., Assistant Professor of Obstetrics.  
JOHN M. KARA, M. D., Assistant Professor of Medicine.  
FRANK J. JIRKA, M. D., Assistant Professor of Medicine.

#### INSTRUCTORS.

ELIAS KLEIN, B. S., Assistant in Physics.

- 
- R. E. FLESHER, Assistant in Medical Physiology Laboratory.
- S. L. EPPLE, A. B., Assistant in Histology and Bacteriology.
- RALEIGH STONE, B. S., Assistant in Physics.
- T. G. BLUE, B. S., Assistant in Physics.
- THOMAS A. BOWERS, Assistant in Geology.
- JACOB ESSENBERG, B. S., Assistant in Zoology.
- CHARLES L. OLIPHANT, B. S., Assistant in Zoology.
- HOWARD BARKER, Assistant in Botany.
- L. FORMAN, C. E., Assistant in Surveying.
- A. W. FISCHER, C. E., Assistant in Testing Laboratory.
- B. H. CROSLAND, B. C. E., Assistant in Surveying.
- LOLA H. HEMSTOCK, Assistant in Kindergarten Methods.
- MRS. MITTIE DEWEES, Pg. B., Assistant in Primary Methods.
- P. L. PAPISH, B. S., Assistant in Chemical Laboratory.
- ROBERT L. PERKINS, Ph. G., Assistant in Pharmacy Laboratory.
- J. W. SCHNEBLY, Assistant in Manual Training.
- FRANCES AGAR, Assistant in Common Branches.
- HENRY MAXWELL, Assistant in Manual Training.
- DELLA KNAPP, Assistant in History.
- M. B. LANGELL, B. S., Assistant in Commercial Work.
- M. S. TOMASTICK, Assistant in Phonography and Typewriting.
- CLARA E. JACOBSON, B. S., Assistant in Phonography and Typewriting.
- EDWARD LOCHOWITZ, B. S., Assistant in Phonography and Typewriting.
- REGINA KROST, Assistant in Phonography and Typewriting.
- WILLA M. DUSH, Assistant in Phonography and Typewriting.
- BLANCHE A. BURGNER, M. D., Assistant in Neurology.
- JOSEPH A. KHAMIS, A. M., M. D., Assistant in Pathology and Bacteriology.



---

WILLIAM J. SCHOLES, M. D., Assistant in Chemistry, Histology and Bacteriology.

JOHN H. KRAMER, M. D., Assistant in Anatomy.

FRANK S. HANNEN, M. D., Assistant in Chemistry.

PHILO F. SNYDER, M. D., Assistant in Gynecology.

L. A. JUHNKE, M. D., Assistant in Gynecology.

J. WILLIAM DAVIS, M. D., Instructor in Neurology.

NORA RAGER, M. D., Instructor in Otology, Rhinology and Larynology.

R. EMERSON MOYER, M. E., M. D., Instructor in Bacteriology and Pathology.

LEONARD C. BORLAND, M. D., L. P., Instructor in Anatomy.

J. R. WATT, D. D. S., Instructor in Prosthetic Technics.

S. P. STARR, D. D. S., Instructor in Prosthetic Technics.

A. BROM. ALLEN, D. D. S., Demonstrator of Extracting.

ROBERT I. WOOD, D. D. S., Demonstrator in Infirmary and Instructor in Operative and Prosthetic Dentistry.

CARL A. HALLE, D. D. S., Demonstrator in Infirmary .

GORDON M. ABBOTT, D. D. S., Demonstrator in Infirmary.

JOHN S. GRIMSON, D. D. S., Demonstrator in Infirmary.

JOHN E. KOLAR, D. D. S., Demonstrator in Infirmary.

JESSE L. MEREDITH, D. D. S., Demonstrator in Infirmary.

JOHN C. McGUIRE, D. D. S., Demonstrator in Infirmary.



## ADMINISTRATION.

HENRY B. BROWN, A. M., President of the University.

OLIVER P. KINSEY, A. M., Vice-President of the University.

ALVYN R. HICKMAN, Registrar of the University.

CATHARINE CORBOY, Secretary.

MRS. SARAH P. KINSEY, A. M., Dean of Women.

G. E. WYNEKEN, M. D., Registrar of the Department of Medicine.

WILLIAM L. COPELAND, M. D., C. M., M. R. C. S., Secretary of  
the Department of Dentistry.

R. E. MOYER, M. E., M. D., Registrar of the Department of Den-  
tistry.

LUELLA F. PORTER, Librarian.

MRS. WILLIAM E. HARRIS, B. S., Assistant Librarian.

ROBERT B. EWING, Head Bookkeeper.

E. J. CARMONY, Secretary of the Young Men's Christian Associa-  
tion.

IDA M. HAINES, in special charge of the Young Women's Christian  
Association.

# VALPARAISO UNIVERSITY,

## Valparaiso, Indiana,

*Was founded September 16, 1873, with three departments, four instructors, thirty-five students, and a part of what is now known as the Old College Building.*

The founders, realizing that the great majority of young people are prevented from attending higher institutions of learning on account of the enormous expense, and in many cases on account of the impractical courses of study and the unreasonable length of time required to secure even an ordinary education, resolved to establish an Institution where rich and poor would have an equal chance; where *work*, not *wealth*, would be the standard; in fact, where all would have the opportunity of obtaining a thorough, practical education at an expense within the reach of those having the most modest means.

In order to accomplish this it was necessary

1. *That the instruction should be of the highest order.*
2. *That, in order to save time, the Institution should be in session the entire year.*
3. *That everything that would in any way detract from actual school work should be eliminated.*
4. *That the work should be thoroughly practical.*
5. *That the equipment should be complete.*
6. *That, with the exception of the Department of Dentistry, the Department of Medicine, and the Department of Law, students should be permitted to enter at any time, select their studies and advance as rapidly as they might be able.*
7. *That the expenses should be the very lowest.*

### GROWTH.

Each succeeding year the attendance has been greater than that of the previous year. From an enrollment of 35 students the attendance has increased to an annual enrollment of more than 5,000 students; from 3 departments to 26 departments; from 4 instructors to 195 instructors; from a part of the Old College Building to 10 large school buildings, including the 3 buildings in Chicago for



medical and dental work; from very meager laboratories to laboratories that now accommodate 600 students working at one time, or 1,800 daily; from a library of a few hundred books to one of more than 12,000 choice works of reference.

Steady growth and unparalleled prosperity could not continue for nearly half a century unless the work offered and the equipment furnished were such as to satisfy the real needs of the average student.

#### LOCATION.

The University is located at Valparaiso, a prosperous city in Northern Indiana, about fourteen miles from the southern shore of Lake Michigan. The city being located on one of the highest points of land in Indiana and within the limit of the lake breezes is free from all miasmatic poisons, and, therefore, is one of the most healthful places in the Northwest.

When the University was founded, what is now known as College Hill was a "Commons." Now the entire space is occupied by University buildings, dormitories and hundreds of residences. Then there was but one railroad, now there are three. At the beginning of the Institution, Valparaiso had a population of about 2,500, now it has a population of more than 8,000, not including the students, and is supplied with all modern improvements—electric light, gas, an extensive system of sewerage, paved streets and one of the most complete systems of waterworks anywhere to be found. The water, which is obtained from a lake three miles north of the city, is pronounced by chemists to be of the purest.

#### VALPARAISO IS KNOWN AS "THE CITY OF SCHOOLS AND CHURCHES."

There are six large church buildings in Valparaiso with seating capacities ranging from 800 to 1,500. There are two smaller buildings, each with a seating capacity of 400. When it is known that every Sunday all the pews in these various churches are occupied it will be admitted that this is a church-going people. Each of the several Sunday Schools has an attendance ranging from 200 to 400 pupils. The young people's societies of the various churches are correspondingly large, while the Young Men's and the Young Women's Christian Associations in connection with the University are among the largest in the State.

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CARE OF STUDENTS.

No other institution of learning gives greater personal care and attention to its students than Valparaiso University. From the organization of the Institution there have been dormitories for women and dormitories for men, but it has not always been possible to accommodate all in separate buildings. However, the Institution has now ample buildings and provides all women with accommodations in dormitories and private houses for women only, and no woman is permitted to take rooms in buildings not approved by the Faculty. Each of these buildings is in charge of an experienced Matron who gives her entire time to the care of the occupants of the building. In addition to this the Y. W. C. A. is in charge of a Secretary who gives her time to the spiritual and social life of the society. Besides this there is a Board of Management composed of the women of the Faculty with the Dean of Women as Chairman. This Board provides entertainment, receptions, lectures and various kinds of wholesome recreation for the young women. There are no sororities of any kind, nor do the students attend public or private dances, nor other social functions that are not approved by this Board.

Equal care is given to the men of the University. Their dormitories are in charge of secretaries who look after their interests in every way. The Y. M. C. A. also has a Secretary who, with the members of the Faculty, acts as a Board to provide suitable entertainment and recreation. The same regulations with reference to fraternities, dances, etc., apply to them as to the women; in fact, students and Faculty are one, not only in their student life, but in their social life as well.

In case a student becomes sick while attending the University, he is given immediate and careful attention. When necessary, nurses are provided at very little expense to the student, and the parents or guardian notified, so that no fears need be entertained that he will be neglected, or that his sickness will be kept secret.

In cases of emergency, there is in Valparaiso an excellent hospital where the very best attention is given students, at the most reasonable rates.

The members of the Faculty make reports to the Office each evening of any absentees, of any who are not progressing satisfactorily, of any who need private help, of any cases of sickness. All these are given immediate attention and every necessary want supplied.



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SOCIETIES.

There are many literary societies in connection with the University. Since the students come from all parts of the world these societies usually go by States, or by sections of the United States, or by classes. Prominent among these are the Scientific Society, the German Society, Music Society, Catholic Society, International Society, Southern Society, Eastern Society, Rocky Mountain Society, Indiana Society, Illinois Society, Ohio Society, Michigan Society, Wisconsin Society, etc. These various societies give excellent literary and musical programs. They work in harmony with each other and the University.

Instead of "social functions," as they are called, the expense of which in many institutions is greater than the legitimate expenses of the institution itself, the students are provided with an excellent lecture and entertainment course, free of charge. Among the lecturers during the past year were Vice-President Thomas R. Marshall; Hon. Kickham H. Scanlan; Hon. P. H. O'Donnell; Surgeon L. L. Lumsden of the United States Public Health Service, Washington, D. C.; Rev. Peter J. O'Callaghan; Mr. Frank L. Anderson, the Expert on world problems; Mr. J. W. Hynes, Chief Chemist, United States Service, Chicago Port of Entry; Dr. H. E. Barnard, President Indiana State Food and Drug Commission; and Dr. Warren. Various other entertainments of a high order are arranged for by the Entertainment Committee, so that there is no lack of opportunity for intelligent social pleasure, without any expense to the student.

In addition to this there is a regular Lecture and Entertainment Course given by the Faculty and outside talent. Among these during the past year were the following: Dr. Harvey W. Wiley, former Chief of the Bureau of Chemistry of the United States Department of Agriculture, on "The Public Health Our Greatest National Asset;" Whitney Coombs' "The First Christmas" and Stainer's "Crucifixion" by the Chapel Choir; "King Olaf," an oratorio given by the Department of Music; Pinero's "The School Mistress," Shakespeare's "Hamlet," Dickens' "Holly Tree Inn," Yeat's "Land of Heart's Desire," Smith's "Happy Pair," and Gilbert's "Wooden Pantomime" by the Department of Elocution; The Annual May Festival presenting the following program: "The Rose Maiden" by the University Chorus of 200 voices under the direction of Mr. O. E. Weaver, assisted by Helen Axe Brown, soprano, Edward Walker, tenor, Anna Allison Boroff, contralto, Marion Green, bass,

William Zeuch, organist, Gertrude Horn, accompanist; a Concert by Helen Axe Brown, soprano, Fritz Ingersoll, violinist, Gertrude Horn, pianist, Fredrik Nelson, pianist, and the Conservatory String Quartette; a Concert by Wilhelm Middelschulte, organist, Bruno Kuehn, violinist, Winifred McAllister Kuehn, pianist; and two concerts by the Minneapolis Symphony Orchestra.

#### GROWTH OF THE SCHOOL INTO A UNIVERSITY.

On account of the advantages afforded by the Institution in the work already offered, there was such a demand for additional departments that the Board of Trustees found it necessary to enlarge the scope of the work, hence the change to a University. This enables the Institution not only to establish new departments, but to strengthen the work in the departments already established. In the various courses of study the work has been made much more complete than formerly. In order to give more time to each subject it was thought best to lengthen the terms from periods of ten weeks each to periods of twelve weeks each. This plan has been in operation six years and has demonstrated beyond all question the wisdom of the change.

That the new arrangement meets with popular favor is indicated by the large number of congratulatory letters received from educators everywhere.

#### THE UNIVERSITY YEAR.

The University year is divided into four quarters of twelve weeks each. For the school year 1913-1914 the terms will open as follows:

First Term, September 16, 1913; Second Term, December 9, 1913; Third Term, March 3, 1914; Fourth Term, May 26, 1914.

There will also be a Mid-Spring Term opening April 14th, and a Mid-Summer Term opening June 23rd, at which time classes will be organized the same as at the beginning of a term.

Students entering at these times may find much of their work in the regular classes then in session, or they may take up new work as may be desired. While there will be these special times for entering during the spring and summer sessions, yet students will, as heretofore, have the privilege of entering at any time and selecting the particular subjects desired.

It has been, and will continue to be, the purpose of the University to accommodate itself to the students rather than to compel them to accommodate themselves to it.



### THE STUDENT BODY.

The University has representatives from every State and Territory in the Union, from the provinces of Canada and from nearly all the foreign countries. These young people are refined and cultured, and come from the best families. While many come from homes of luxury, yet the majority have made their own money and are paying their own way.

The Institution does not promise to please every one, yet the universal testimony of those who come here for work is that they get more than value received for the time and money expended. Valparaiso University students are known by their work only.

### DIPLOMAS.

The University is regularly chartered and confers the usual degrees.

### TIME REQUIRED FOR GRADUATION.

The time required for the completion of any one of the courses of study depends entirely upon the previous preparation made by the student. In order, however, to receive a degree from any of the higher courses, it is necessary for the student to be a resident member of this University at least one year.

### COURSE OF STUDY.

The regular course of study will be found in the following pages. Students desiring to take any course will follow the order indicated. It is not necessary that they remain consecutive years, as the classes are so arranged that the student may drop out for a term, or year, as the case may be, then return and take up his studies where he left off without any inconvenience whatever.

### TIME GIVEN AND AMOUNT OF WORK ACCOMPLISHED.

In considering the amount of work done, it must be remembered that a school year here means forty-eight weeks, with daily recitations in each subject of one hour each; no vacations, no holidays, and examinations on Saturdays, thus not interfering in any way with the regular work. By this arrangement as much work may be done here in one year as is usually accomplished at most institutions in one and a half years, where the length of the year does not exceed thirty-six weeks, and the hours of recitation are not so long nor so many per week, where all holidays are observed and where examinations occur during school days.

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ORGANIZATION OF NEW CLASSES.

With the exception of work in Mathematics above Trigonometry, and work in the Classical Department, new classes are formed in each branch every term; hence no one need fear that he will not be accommodated at any time with just such studies and grades of study as he may desire, no matter how backward or how far advanced he may be.

In addition to the regular departments, special courses have been established in Algebra, Higher Mathematics, the Sciences, German, Latin, Higher English, Advanced Psychology, Pedagogy, etc., so that the student has the opportunity, without extra charge, of making a specialty of any subject, and pursuing it to a much greater extent than is indicated in the catalog.

## CHOICE OF STUDIES.

Long experience in school work has demonstrated that giving students the privilege of selecting their studies is a wise provision. While young pupils need and must have careful advice and direction, yet experience has shown that after the elementary studies are passed and the student has made some decision as to his life work, the choice of studies may, with safety, be left to him, and with more satisfactory results. It is worse than useless to try to change the course of his life by compelling him to do work which he knows will never be of use to him; hence the University gives students the privilege of selecting their studies and of advancing as rapidly as they may be able. This gives those who desire to make a specialty of certain subjects the opportunity of doing so. Again, it enables those who are preparing to teach in the various States to select subjects required in those States. Credits received in these special subjects apply on any of the regular courses of study.

In the Scientific Department it has been found that almost every student prefers to take the regular work in Mathematics, including Trigonometry. In consideration of this fact the Mathematics higher than Trigonometry are made somewhat optional; that is, the student after completing Trigonometry, may take Algebra beyond what is usually found in the text books, and Astronomy; or Surveying and Engineering; or Analytical Geometry and Calculus; or Analytical Geometry and Astronomy; or in fact, make any selection of this work that he may desire. The arrangement meets the wants of a large number who desire to complete a course of study, and yet put extra time on their specialties.



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REGULATIONS BY WHICH THE UNIVERSITY IS GOVERNED.

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I. Students may enter the University at any time by paying tuition for one term from time of entrance. II. Should students pay for more than one term, and be obliged to leave, all tuition excepting for their term then in progress, will be refunded. This does not apply to the Department of Medicine, and the Department of Dentistry. In these, tuition for the current year is not refunded. III. When money for board is advanced, and the student is obliged to leave before the time expires for which payment is made, weekly rates are charged to the time of leaving—the balance refunded. IV. In case of sickness, or an absence of more than three weeks, the student will receive from the Secretary of the Board of Trustees a certificate which will entitle him to the unused time, which may be made up at any term. No certificate is transferable. V. Should it be necessary for a student to be absent from a class he must first secure an excuse from the President. VI. As far as possible the University holds itself accountable for the morals of the students, and the utmost care is used so that no improper associations are formed. VII. Students will be dismissed for neglect of duty and for improper conduct. The authorities reserve the right to interpret what shall be considered improper conduct. VIII. Inasmuch as the success and welfare of the student depends upon the University having the entire control of his time and association, he will also be dismissed for engaging, without permission of the President, in any course of instruction, study, or business enterprise outside the University. IX. All students will be received, or dismissed, at the discretion of the President.

Public announcements concerning these regulations are made at the opening of every term, so that students may always be thoroughly informed concerning them.

The Institution realizes that it can have its greatest prosperity only when other institutions of learning are prospering, and it has always been its policy to work in harmony with all other schools.

## DEPARTMENTS.

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### PREPARATORY DEPARTMENT.

*Subjects pursued: Arithmetic, Grammar, Geography and Map Drawing, History, Physiology, Elementary Algebra, Elementary Rhetoric, Letter Writing, Penmanship, Reading, Debating, Language Lessons, Spelling, Vocal Music, Drawing.*

Beginning classes are organized in all the subjects in this department at the opening of every term, and not at the opening only, but at different periods during the term, so that students may enter at any time and begin wherever they may desire.

This department is designed to receive students of any age, and at any stage of advancement. Parents too frequently suppose it to be unnecessary to send their children "away from home to school" until they are prepared to study higher branches. This, it is believed, is a fatal error. The early education of the child is of the greatest importance, therefore should receive the most careful attention. Many children, from improper training, contract an aversion for books; thus their lives, in a measure, have been failures.

The student should have correct training in the Common Branches, as these form the foundation for that which is to follow. Nearly every one who enters the Institution is advised to review the elementary studies. Many are inclined to pass unnoticed this most important part of a true education.

Parents need entertain no fears that their children will not be accommodated, as the only preparation necessary before entering the Institution is that the student be able to read in the common school books. In fact many who are not prepared to enter the beginning classes come here. To these private instruction is given until they are able to take class work. This department, as well as all others, is in charge of experienced teachers, and just as careful attention is given to the instruction as in the highest department of the University. It is the purpose of this department to give the student a thorough knowledge of the fundamental principles of the subjects studied, thus laying a careful foundation for the systematic investigation of the higher courses of study.



Special opportunities are offered foreigners for learning the English language.

#### ARITHMETIC.

In Arithmetic there are nine different grades. One begins at the first of the Practical Arithmetic, another with Fractions, another with Percentage; in the Higher Arithmetic a class begins directly after Division of Simple Numbers and completes the subject as far as and including True and Bank Discount; a fifth grade begins with Percentage, and in one term completes the work, giving about equal time to each part; a sixth grade begins with Percentage and passes quite rapidly over the applications, and gives special attention to the more difficult parts of the work; a seventh grade, called the Commercial Class, gives special attention to Business Forms; an eighth grade *Reviews* the entire subject of Arithmetic in one term. The work in this last grade belongs to the Teachers' Department; a ninth grade gives special attention to Mental Arithmetic, Rapid Calculation, etc.

With so many grades the student never fails to find the particular work desired. The method used here in the investigation of this subject differs from that of any other school. It has been tested in many of the common schools, high schools and colleges and has proved eminently successful.

#### LANGUAGE LESSONS AND GRAMMAR.

In the Language lessons special attention is given to correct forms of expression, choice of words, their meaning, etc. In English Grammar there are four classes. One beginning at the very first and going slowly; another beginning at the first, and going more rapidly, completing about half of what is usually known as the *text*; another completing the work; a fourth reviewing the entire subject. The work in this last grade belongs to the Teachers' Department.

#### GEOGRAPHY.

In the three terms in Geography two are given to Descriptive and one to Physical Geography. In Descriptive Geography attention is given to the physical features, the commercial rank and the political and educational standing of each country, following especially the causes that have given it its rank. In Physical Geography careful attention is given to the working out of the various theories and causes that give our earth its varied surface,

that produce the phenomena of its atmosphere, and distribute and sustain life.

Map-drawing is taught by sketching, by enlarging maps and by molding. In these subjects, as in all others, the greatest care is given to the most interesting and effective methods of presenting the work to the student.

#### UNITED STATES HISTORY.

Twenty-four weeks are given to this work. In the first term of twelve weeks attention is given to the period from the Discovery of America to the Close of Washington's Administration, the Discoveries, the Formation and Growth of Settlements, their Development toward Union, the Causes and Results of the Revolution, the Formation of the Constitution and Government. These are intensively studied and are supplemented by frequent reports.

The second term of twelve weeks deals with the Period of the Administrations. Stress is laid on the Growth of Political Parties, Tariff, the Significance of the War of 1812, Internal Improvement, Industrial and Territorial Expansion, Slavery, the Civil War, Reconstruction, Recent Industrial and Territorial Expansion, and the Foreign Policies. Frequent reports.

#### PHYSIOLOGY.

In this subject there is a twelve weeks' course designed for those wishing an elementary knowledge of the entire subject of Human Physiology. This course, consisting of sixty hours of recitation and twenty-four hours of laboratory work, is given each term of the year.

#### ALGEBRA.

Twenty-four weeks are given to Elementary Algebra, the purpose of which is to familiarize the student with the fundamental principles and to prepare him for the Higher Algebra.

#### LETTER WRITING AND PUNCTUATION.

Classes in Letter Writing and Punctuation are formed at the beginning and middle of each term. These classes are for students who wish to learn correct forms in Business Correspondence and in Social Usages.

#### READING AND SPELLING.

Special attention is given to these subjects, so often neglected in preparatory schools. No one who is not accurate in spelling



and quite a correct reader can hope to accomplish much in the business or professional life. Every student, whether in the preparatory department or not, has the privilege of entering these classes.

#### VOCAL MUSIC AND DRAWING.

In these subjects careful attention is given to the very best methods of teaching them in the public schools. The work is in charge of those who are not only thoroughly familiar with the rudiments, but are artists in their professions, so that the way is properly opened for advanced work.

Texts: Ray's Practical and Ray's New Higher Arithmetics, Walsh's Arithmetic, Moore's Commercial Arithmetic, Aley and Rothrock's Algebra, Neet and Brown's Grammar, Agar's Grammar, Redway and Hinman's Descriptive Geography, Dryer's Physical Geography, Belding's Letter Writer and Hough and Sedgwick's Elementary Physiology.

## TEACHERS' DEPARTMENT.

Valparaiso University is accredited by the State Teachers' Training Board for preparing teachers for all the classes, "A," "B," and "C."

*Subjects Pursued: Review of the Common Branches, Physiology, Chemistry, Zoology, Botany, Nature Study, Algebra, Geometry, Rhetoric, Literature, General History, Psychology, Pedagogy, History and Philosophy of Education, Child Study, Methods, Latin or German, Vocal Music, Reading and Orthoepy, Primary Work, Elementary Manual Training, Observation Work.*

*The demand for trained teachers requires that this department be given the most careful consideration.*

It usually requires two years to complete this course. Many students, however, are sufficiently far advanced to complete the course in one year, and some in even less time. Everyone has the privilege of accomplishing the work in the shortest time possible.

ARITHMETIC—*Five hours. Twelve weeks.*

The higher arithmetic is reviewed with the view of learning the principles involved in the entire subject. The pupil is given a thorough analysis of the fundamentals, and teachers desiring a review are given an opportunity of observing the practical application of Fractions, Denominate Numbers, Percentage, in the difficult subjects of Commission and Brokerage, Interest, Discount, Equation of Payments, etc.

ALGEBRA—*Five hours. Thirty-six weeks.*

These courses include Algebra I, II and III. Elementary Algebra is reviewed and Higher Algebra completed. The student is not only made familiar with the problems and discussions as found in the text, but also with numerous "Originals" which bring out independent thought, thus opening the way for a systematic study of the Higher Mathematics. There are three courses in this subject: one reviews the Elementary Algebra; one commences with Higher Algebra and continues as far as Quadratics and a third commences with Quadratics and completes the text.

The advanced course in Algebra may be found in the Scientific Course of study.



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**GEOMETRY, PLANE AND SOLID**—*Five hours. Thirty-six weeks.*

Three terms are given to this branch. While the work of the text is carefully studied, yet in this, as in Algebra, special attention is given to "Originals," thus emphasizing the independent thought thus far acquired. No memorizing of demonstration is permitted. No books are used in the class room. Careful attention is given to the elementary principles, and these are not left until the student understands thoroughly what it means to give a clear, systematic demonstration of a theorem.

**GRAMMAR**—*Five hours. Twelve weeks.*

In this department the work consists of a thorough review of the subject. The subject is taught inductively, special attention being given to the object, attribute, relation, idea, word, thought, and sentence. The sentence forms the principal subject of discussion. The essential elements of the sentence are carefully taught, followed by a complete analysis of the manner in which these elements are modified. The "Parts of Speech" are carefully reviewed, special attention being given to the difficult points such as the classification of phrases and clauses, a comparison of the Finite and Infinite verbs, Voice, The Relative Pronoun, Case, etc. Then the sentence is analyzed and reviewed as a whole. The teacher becomes familiar with the method of teaching this important subject.

**GEOGRAPHY**—*Five hours. Twenty-four weeks.*

In this course Geography is reviewed. In some instances it may be completed in twelve weeks, while in others twenty-four weeks are required. In this, as in all of the review classes, the purpose is to become familiar not only with the text, but with the very best method of presenting the subjects to classes.

**PHYSIOLOGY**—*Five hours. Twelve weeks.*

For teachers and those familiar with the subject of Physiology, an opportunity is given to review the entire subject in one term. In connection with this there is special laboratory work.

A laboratory fee of 50 cts. is charged.

**UNITED STATES HISTORY, REVIEW**—*Five hours. Twelve weeks.*

The work in this class is for more mature students, and for teachers. The aim is to give the students a wider and more philosophic view of the larger problems in our history. Broader reading and independent investigation are encouraged.

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**CIVICS**—*Five hours. Twelve weeks.*

The aim is to lead the student to a clearer knowledge and better appreciation of citizenship through a careful study of the organization and functions of government in relation to the citizen. The work consists in (a) tracing the constitutional causes of the formation of our government; (b) a careful interpretation of the Constitution as exemplified in the functions of our government; (c) local government, the Township, County, City and State. The student is expected to give a clear explanation of the local government under which he happens to dwell.

Texts: Montgomery's American History. References: Hildreth, Ridpath, Bancroft, Greeley, etc. Civics: "Civil Government," by Schwinn and Stephenson.

**RHETORIC**—*Five hours. Twenty-four weeks.*

At the opening of each term classes are organized in both beginning and advanced Rhetoric. In the beginning classes the theory of Rhetoric is studied. This includes punctuation, diction, construction of sentences, figures of speech, versification, poetic and prose forms. Different methods of outlining subjects are presented; essays, reports, etc., are written; discussions prepared and delivered; reviews and newspaper reports made; in fact, all writing of a practical character is done. By this method the student is enabled readily to express his thoughts and to see the faults and merits in any composition.

Texts: Hart's Revised Rhetoric. References: A. S. Hill's Foundations of Rhetoric and Principles of Rhetoric.

**LATIN AND GERMAN.**

In these subjects attention is given to a careful foundation for the study of the advanced work as found in the Scientific and Classical courses of study.

**LITERATURE**—*Five hours. Twenty-four weeks.*

There are classes in American and English Literature intended chiefly for those taking the Teachers' and Elocution courses of study. The biography of some great author is first studied. Then an entire article, poem, play, or book, written by that author, is carefully and critically studied. From time to time students in this work are required to prepare reviews, characterizations, synopses, or sketches of what they have just read. The work in this branch is designed to cultivate in the student an appreciation of the writings of the masters in literature.



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**PHYSICS, CHEMISTRY, BIOLOGY AND PHYSIOLOGY.**

In Physics, Chemistry, Biology and Physiology, while the theoretical work, as found in the best texts, receives careful consideration, yet almost all the work in these subjects is done in the laboratories, with which the University is abundantly supplied. Special attention is given to the *particular science work required in the best public schools*. The student in these classes may take the work which belongs to the Teachers' Course, or he may do the more advanced work in connection with the Scientific Course if he so desires.

Texts: Cloud's Physics, Newth's Chemistry, Hough and Sedgwick's Physiology, Bergen and Davis' Principles of Botany, Dryer's "Lessons in Physical Geography." Reference: Waldo's Elementary Meteorology. In Zoology, Jordan's "Animal Studies" and Linville & Kelly's Zoology, and Osborn's "Economic Zoology," Weidersheim's "Comparative Anatomy of Vertebrates." References: "Invertebrate Morphology" by McMurrich, "The Study of Animal Life," by Thomson, "Manual for the Study of Insects" by Comstock, "Vertebrate Zoology" by Kingsley, and a Synoptic Text-book of Zoology by Weyssse, "American Insects" by Kellogg. In Geology, "An Introduction to Geology" by Scott, and "Rocks and Minerals," by Bennett, Ries's "Economic Geology of the United States." References: Reports of the United States Geological Survey, Dana's Manual of Geology, Geikie's Text-book of Geology, LeConte's Elements of Geology, and Chamberlin and Salisbury's Geology.

**GENERAL HISTORY**—*Five hours. Twenty-four weeks.*

The work is organized on the assumption that History is a science which teaches the evolution of civilization through institutional forms. Twelve weeks are given to Ancient History and twelve weeks to Medieval and Modern History.

**PSYCHOLOGY AND PEDAGOGY.**

The work in the Teachers' Department is presented from a teacher's standpoint. The University realizes that the very best methods and the highest degree of proficiency in the science and art of teaching are acquired in the class room, hence each recitation has in view two objects: first, the thorough mastery of the subject under discussion; second, the very best method of presenting it to pupils.

The advanced courses in Psychology and Pedagogy may be found on page 36.

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## DEPARTMENT OF KINDERGARTEN METHODS

*Subjects pursued: Kindergarten Theory, Hand Work, Practice Teaching, History of Education, Psychology, Pedagogy, Nature Study, Child Study, Methodology, Sociology, Philosophy of Education, Rhetoric, English Literature, American Literature, Penmanship, Elocution, Drawing and Vocal Music.*

The work of this department is intended to meet the needs of those who desire to fit themselves for Kindergarten work.

Applicants for Kindergarten training, if entering for a diploma, must be graduates from an accredited high school or have equivalent attainment,\* or secure the necessary credits before completing the course.

Satisfactory evidence of work completed in other Kindergarten schools will be given credit in this Institution.

Students may enter this department at any time and will receive their diploma when the work is finished.

The following courses are offered, a treatise of the subjects not described being found in the other departments of the University.

### KINDERGARTEN THEORY—*Five hours. Ninety-six weeks.*

This Course consists of a study of the Mother Plays, also plays which are characteristic of the different periods of childhood and youth and the classification, value, and results of the play. The study and application of the gifts and occupations, the theory on which they are based, their relation to each other and to other play materials. A study of the life of Froebel and his teaching. A study of the Education of Man, Symbolic Education, Pedagogics of the Kindergarten and other Kindergarten literature.

Basket weaving. Clay modeling.

### PRACTICE TEACHING—*Fifteen hours. Thirty-four weeks. Five hours. Thirty-four weeks.*

Three hours a day will be spent in the Kindergarten the first thirty-four weeks being devoted to observation and assisting in preparing work for the tables, with some teaching. The second thirty-four weeks requires one hour a day. During this time the subject matter taken up in the Kindergarten is discussed, plans are written and submitted for criticism. Students are given full charge of a Kindergarten for a stated period of time.



HISTORY OF EDUCATION—*Five hours. Twenty-four weeks.*

PSYCHOLOGY—*Five hours. Forty-eight weeks.*

PEDAGOGY—*Five hours. Twelve weeks.*

NATURE STUDY—*Five hours. Twelve weeks.*

CHILD STUDY—*Five hours. Twenty-four weeks.*

METHODOLOGY—*Five hours. Twelve weeks.*

SOCIOLOGY—*Five hours. Twenty-four weeks.*

PHILOSOPHY OF EDUCATION—*Five hours. Twelve weeks.*

RHETORIC—*Five hours. Twenty-four weeks.*

ENGLISH LITERATURE—*Five hours. Twelve weeks.*

PENMANSHIP—*Five hours. Twenty-four weeks.*

ELOCUTION—*Five hours. Twelve weeks.*

DRAWING—*Five hours. Twenty-four weeks.*

VOCAL MUSIC—*Five hours. Twelve weeks.*

SONGS, GAMES AND RHYTHMS—*Thirty-six hours.*

DEBATING—*One hour. Eighteen weeks.*

Papers and talks are given to Junior classes by Senior students. The subjects are selected and assigned by the teacher in charge.

#### PARALLEL STUDY.

Reminiscences of Froebel, Baroness Von Bulow; Two Children of the Foot Hills, Elizabeth Harrison; The Lost Waif, Horace Fletcher; The Unfolding Life, Antoinette Abernethy-Lamoreaux; Child Culture Papers, Henry Barnard; A Study of Child Nature, Elizabeth Harrison; The Kindergarten in American Education, Vandewalker.

#### CERTIFICATES.

Upon the satisfactory completion of the Junior Year's work in this department a certificate is granted.

#### BASKETRY AND CLAY MODELING.

Special classes in Basketry and Clay Modeling will be organized during the summer term for those who desire advanced work in these subjects.

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## DEPARTMENT OF PRIMARY METHODS.

There are two courses offered in this department: A one year's course, upon the completion of which a certificate is granted; and a more extended course designed for those who wish advanced work, upon the completion of which a diploma is granted.

### OUTLINE OF STUDIES.

#### Certificate Course.

This course presumes a good working knowledge of the subjects of study of the Primary School Course: reading, writing, spelling, arithmetic, history, geography, physiology and grammar.

#### FIRST TERM (12 weeks):

1. Kindergarten: Story Telling, Kindergarten Observation, Games.
2. Psychology I.
3. Methodology.
4. Vocal Music.
5. Pedagogy.

#### SECOND TERM (12 weeks):

1. Psychology II.
2. Methodology.
3. Drawing.
4. Rhetoric.
5. Elocution.

#### THIRD TERM (12 weeks):

1. Philosophy of Education I.
2. Observation.
3. Elementary Manual Training.
4. Child Study.
5. Teachers' Academic Review in Arithmetic and Grammar.

#### FOURTH TERM (12 weeks):

1. History of Education.
2. Nature Study.
3. Observation and Practice.
4. Lectures and Didactics.
5. Advanced Penmanship.



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### Diploma Course.

To enter this course one must be a graduate from an approved high school or must have equivalent attainment and must have completed the work required in the Certificate Course of the Department of Primary Methods.

#### FIRST TERM (12 weeks):

1. Mythology.
2. Primary Music.
3. Mother Plays.
4. Primary Methods I.
5. Lectures and Didactics.

#### SECOND TERM (12 weeks):

1. Primary Methods II.
2. Mythology.
3. Mother Plays.
4. Manual Training.
5. Lectures and Didactics.

#### THIRD TERM (12 weeks):

1. Primary Methods III.
2. Psychology III.
3. Symbolic Education.
4. Observation and Practice.
5. Lectures and Didactics.

#### FOURTH TERM (12 weeks):

1. Primary Methods IV.
2. Philosophy of Education II.
3. Education of Man.
4. Observation and Practice.
5. Lectures and Didactics.

#### SPECIAL PRIMARY WORK FOR COUNTRY SCHOOL TEACHERS.

Special classes for primary work in the country school will be organized in the summer. This is to meet the demands of the teacher who is struggling with a mixed program of a variety of grades.

#### VOCAL MUSIC AND DRAWING.

In the Teachers' Department, Elementary Vocal Music and Drawing are reviewed and a special term is given to more advanced work, designed particularly to meet the wants of the country and city schools. (For course in Public School Music see page 83.)

## DEPARTMENT OF MANUAL TRAINING.

The work in this department is divided into three sections:

SECTION A—For those who desire to take the work for its educational value.

SECTION B—For those preparing to teach the work. The educational value of Manual Training is thoroughly appreciated, but the scarcity of prepared teachers greatly retards its universal introduction.

SECTION C—For those who are pursuing some engineering course.

Lectures are given on: Structure, Property and Decay of Wood; Structure and Use of Tools; Methods of Construction; Design; History of Manual Training; Organization of Manual Training.

Diplomas are granted to those in section B who complete in a satisfactory manner the following requirements in addition to the regular work, but no diploma will be granted without a residence attendance at this University of at least one year.

PLANE GEOMETRY—*Five hours. Twenty-four weeks.*

SOLID GEOMETRY—*Five hours. Twelve weeks.*

PHYSICS—*Five hours. Twenty-four weeks.*

TEACHERS' GRAMMAR—*Five hours. Twelve weeks.*

RHETORIC—*Five hours. Twenty-four weeks.*

GENERAL HISTORY—*Five hours. Twenty-four weeks.*

CIVIL GOVERNMENT—*Five hours. Twelve weeks.*

PROFESSIONAL WORK—*Five hours. Twenty-four weeks.*

DEBATING—*One hour. Eighteen weeks.*

ONE YEAR'S SUCCESSFUL TEACHING.

Performance of duties at the Arts and Crafts Club (an organization which meets once a week and discusses Manual Training Topics).

The regular work of the Department of Manual Training comprises:



**COURSE I—***Five hours. Twelve weeks.*

Elementary Manual Training. This involves work in paper, raffia, clay, pottery and bookbinding. It is applicable especially to the first four grades.

**COURSE II—***Five hours. Twelve weeks.*

Sloyd. This course is applicable especially to grades five and six and consists of elementary hand tool processes and the construction of small, useful articles; e. g., Rulers, letter openers, pencil trays, etc.

**COURSE III—***Five hours. Twenty-four weeks.*

Elementary Bench Work. This course is applicable especially to grades seven and eight. Planing, drawing and all hand tool processes, construction of the various kinds of joints, making of useful articles such as plate racks, footstools, book holders, etc.

**COURSE IV—***Five hours. Twelve weeks.*

Advanced Bench Work. This course is applicable to advanced grades and high school. Construction of more difficult projects such as chairs, tables, etc.

**COURSE V—***Five hours. Twelve weeks.*

Cabinet Making. Consisting of the construction of bookcases, desks, china closets, etc.

**COURSE VI—***Five hours. Twelve weeks.*

Machine Work in Wood. The student makes full use of the various machines, becoming acquainted with their construction, use and care. Products similar to Course V.

**COURSE VII—***Five hours. Twenty-four weeks.*

Turning. This course consists of standard exercises after which many useful and interesting articles are turned.

**COURSE VIII—***Five hours. Twenty-four weeks.*

Pattern Making and Foundry.

**COURSE IX—***Five hours. Twelve weeks.*

Free Hand Drawing.

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COURSE X—*Five hours. Seventy-two weeks.*

Mechanical Drawing. This course consists of lettering, drawing from models, copying from plates, projections, isometric drawing, detail and assembled drawing of machines, shading, tinting, stippling, gearing, tracing and blue-printing, shadows, perspective, and theoretical and practical problems of structure involving the elements of Descriptive Geometry.

At least thirty-six weeks, 180 hours, is required of teachers.

In the Department of Manual Training a laboratory fee of \$3.00 per quarter of 12 weeks is charged.



## DEPARTMENT OF EDUCATION.

### PROFESSIONAL WORK.

*Subjects pursued: Algebra, Geometry, Trigonometry, Astronomy, Latin or German or French, Literature, History, Physics, Chemistry, Zoology, Botany, Geology and Physiology. In addition to the above academic subjects, the following professional subjects: Psychology, Child Study, Pedagogy, Sociology, Methodology, History of Education, Philosophy of Education and Observation and Practice.*

The work in this department leads to two degrees, a shorter course to the degree of Bachelor of Pedagogy, and a longer course to the degree of Bachelor of Arts in Education.

### THE BACHELOR OF PEDAGOGY DEGREE.

To obtain this degree the candidate must be a graduate of a commissioned high school or must have equivalent attainment; then successfully pursue twenty-seven courses in the subjects indicated above, ten of which must be professional and seventeen of which must be academic.

A course consists of one subject for a term of twelve weeks, five hours of recitation per week.

The ten professional courses may be chosen from the sixteen professional courses offered in the Department of Education. The other seventeen courses are given in the regular university departments of the Institution. Four of these are mathematics, four are Latin or German or French, four are History and Literature and five are Science.

### THE BACHELOR OF ARTS DEGREE IN EDUCATION.

To obtain this degree the candidate must have a high school education or equivalent attainment, then successfully pursue forty-eight courses in the subjects indicated above, fifteen of which must be professional. The other thirty-three are academic.

The fifteen professional courses are chosen from the sixteen professional courses offered in the Department of Education. The thirty-three academic courses are given in the regular university departments of the Institution. They are, eight Latin or German

or French, five mathematics, four Literature, three histories and thirteen sciences.

An educational thesis is also required.

This course is a regular college course, carrying with it the prestige of the traditional college A. B. It can be completed in three school years of forty-eight weeks each.

The purpose of the work in the Department of Education is to develop in its students true, practical, professional *teaching ability*; the ability consciously to teach in harmony with the laws of mental evolution and the laws which organize any branch of knowledge. The possession of such ability by the teacher is thought to depend upon (1) a thorough knowledge of the subject to be taught; (2) a systematic knowledge of the laws which govern the evolution of the life of the learner. In pursuance of this purpose the following work is offered:

1. Thirty-three academic college subjects along the lines of (1) mathematics; (2) language; (3) science, and (4) literature and history.

2. **PSYCHOLOGY**—*Five hours. Forty-eight weeks.*

In this subject four courses of psychology, introspective, comparative, objective and experimental are offered. The organizing idea of the work is development, and the complex phenomena of the mind are organized around this central idea. The work is both general and educational.

3. **PEDAGOGY**—*Five hours. Twelve weeks.*

In this subject one course is offered. It is a study in detail of the institution whose specific purpose is education. This institution, the School, is studied as co-ordinate with the Church, State, Family, and the Vocation as societies of civilization. As an institution it is seen to realize the idea which created it, and its manner of so doing is traced out.

4. **METHODOLOGY**—*Five hours. Thirty-six weeks.*

In this work three courses are offered. Current approved methods in the subjects in the elementary course are critically studied. The work presupposes a reasonable familiarity with the common school subjects. It is not merely a study of devices. It is a study of the three processes in the act of teaching: (1) the thinking the learner does; (2) the thinking the teacher does and (3) the handling of devices by both the learner and the teacher.



In General Method the true nature of method is studied. This is followed by the specific application of the laws of method to the elementary school subjects.

5. SOCIOLOGY—*Five hours. Twenty-four weeks.*

In this subject two courses are offered. In this work the elements of sociology are pointed out and studied. The individual is studied as a socius; that is, as a companion, a teacher, a learner and a co-worker.

6. HISTORY OF EDUCATION—*Five hours. Twenty-four weeks.*

In this subject two courses are offered. The race's ideals of education as exposed by its best representatives during the progress of civilization are studied. It is the purpose, not so much to find out a standard for imitation, as to learn what has been with a view of finding out what ought to be.

7. PHILOSOPHY OF EDUCATION—*Five hours. Twenty-four weeks.*

In this subject two courses are offered. It is the purpose in this subject to show the known facts of education and to unify the different aspects. The *biological*, the *physiological*, the *sociological*, the *psychological* and *philosophical* aspects of education are carefully studied and unified.

8. PAIDODOLOGY—*Five hours. Twenty-four weeks.*

In this work, child study, two courses are offered. The purpose, scope, history, literature, methods and results of the child study movement are studied. Genetic psychology is especially emphasized.

9. OBSERVATION AND PRACTICE—*Five hours. Twelve weeks.*

In this work one course is offered. It consists of the observation of teachers and children at work in both city and country schools, and critiques of the work observed.

*Texts.*—The following are some of the text books used. Halleck's Psychology, Dewey's Psychology, Neet's Pedagogy, Neet's Methodology, Gidding's Sociology, Ellwood's Sociology, Kirkpatrick's Fundamentals of Child Study, James' Psychology, Donaldson's Growth of the Brain, Monroe's History of Education, Horne's Philosophy of Education, and many reference books.

## SCIENTIFIC DEPARTMENT.

*Subjects pursued: Geometry, Trigonometry, University Algebra, Analytical Geometry, Differential and Integral Calculus, Astronomy, Surveying and Engineering; Latin or German, English, Chemistry, Botany, Zoology, Geology, University Physiology, Physics, Essays, Orations and Forensic Work throughout the entire course.*

The work in this department leads to the degree of Bachelor of Science.

To obtain this degree the candidate must have a high school education or equivalent attainment then successfully pursue the work outlined in this department.

With the exception of Mathematics above Trigonometry, beginning classes are organized in the above subjects every term, so that students who have already mastered any subject may pursue other studies along the line of the Course.

This department represents the regular four years' college course of study.

Since the University is in session the entire year, the student may, by continuous attendance, complete the course in a correspondingly shorter time.

Credits obtained from any other department in subjects found in this department may be applied in completing this course of study, but the University degree of Bachelor of Science will not be granted without a resident attendance of at least one year.

## DESCRIPTION OF SUBJECTS.

GEOMETRY I—*Five hours. Twelve weeks.*

During this course the student gets an insight into the nature of the subject. He learns at the beginning to draw a sharp line between what he actually knows and what he does not know; to interpret properly a proposition and separate clearly hypothesis from conclusion; to apply the propositions in the deduction of corollaries and the solution of simple "Originals"; and to express himself accurately and tersely. He is not allowed the use of his text in the class room and many of the propositions are presented to him in the form of "Originals," he furnishing the demonstrations.

This term's work covers the usual theorems and constructions of American text-books, including special and general properties of



rectilinear figures; the circle and angular measure; ratio and the theory of limits; proportion and similar polygons.

**GEOMETRY II**—*Five hours. Twelve weeks.*

During this course Plane Geometry is finished. The student is required to furnish the demonstrations of most of the propositions met the first term, receiving only such assistance from his text or teacher as may be necessary to bring them within his grasp.

The term's work covers the usual theorems and constructions of good American text-books, including theory of proportion; similar polygons; proportional lines; areas of polygons; regular polygons and measurement of the circle; maxima and minima; symmetry; continuity and duality.

**SOLID GEOMETRY**—*Five hours. Twelve weeks.*

This course covers the usual theorems and constructions of good American text-books, including the relation of lines, planes and angles in space; polyhedrons,—especially emphasizing the properties and measurement of prisms, parallelopipeds, pyramids and prisma-toids; the construction of regular polyhedrons; regular solids; cylinders and cones; the sphere and spherical triangles; spherical areas and volumes; applications to physics, engineering and astronomy.

Texts: Bogarte, Euclid's Elements, Wentworth's Plane and Solid Geometry, Durell's Plane and Solid Geometry.

**TRIGONOMETRY**—*Five hours. Twelve weeks.*

Trigonometry is taught as a branch of Geometry. The various methods of solving plane and spherical triangles are investigated and applied in original exercises, as the measuring of heights and distances and the simpler problems in Astronomy. The student derives, memorizes and applies the various formulae for the sum and the difference of angles and functions of angles, multiples and sub-multiples of angles, without which any general application of Trigonometry would be impossible.

Texts: Wentworth's revised Plane and Spherical Trigonometry, Longman's School Trigonometry.

**UNIVERSITY ALGEBRA**—*Five hours. Twelve weeks.*

This course in higher algebra is open to all students who have finished Geometry and Trigonometry. The work covers permutations and combinations; probability (chance); binominal theorem,—proof by mathematical induction and by deduction; logarithms; interest

and annuities; limiting values and vanishing fractions; convergency and divergency of series; undetermined coefficients; decomposition of fractions; Continued fractions; Summation of series; the binominal theorem; exponential and logarithmic formulae; determinants; theory of equations; applications to navigation, surveying and astronomy.

Texts: Hall & Knight's Algebra for College and Schools, Todhunter's Treatise on Algebra, Burnside and Pantom.

**ANALYTICAL GEOMETRY**—*Five hours. Eighteen weeks.*

Beginning classes are organized twice each school year, one at the opening of the Fall Term, and another at the opening of the Spring Term.

The work is immediately followed by Calculus. Equations for the straight line, circle, conic sections, higher plane curves, and various surfaces, are studied. Plotting is an essential part of this work, giving the student a clear conception of the locus studied.

To those completing the course of study in the scientific department analytical geometry is elective. The candidate for the degree may substitute analytical geometry for astronomy, but if such substitution is made the candidate must present credit for twenty-four weeks or one hundred-twenty hours of work.

Texts: Wentworth's and Ashton's Analytical Geometry, Salmon, Ray's Analytical Geometry.

**DIFFERENTIAL AND INTEGRAL CALCULUS**—*Five hours. Thirty weeks.*

This immediately succeeds the Analytical Geometry. Differential Calculus is studied for twelve weeks, consisting of differentiating the ordinary algebraic functions, logarithmic functions, trigonometric functions; with the application of these processes to problems of maxima and minima, curve tracing, problems in mechanics, expansion of functions, etc. Integral calculus requires eighteen weeks, consisting of the study of various methods of integration, calculation of areas, volumes, moments of inertia, etc. Plotting is an important part of this work.

Texts: Campbell's Calculus, Rice and Johnson's Differential and Integral Calculus, Williamson's Treatises, Todhunter's Differential and Integral Calculus.



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**ASTRONOMY**—*Five hours recitation and lecture. One hour laboratory. Twelve weeks.*

This course is open to those who have had Trigonometry.

The student considers: Methods of locating the heavenly bodies, astronomical instruments, corrections of errors of observation, the earth as an astronomical body, the moon, the solar system, comets and meteors, stellar evolution.

The five hours per week recitation is supplemented by Friday night observations, both free eye and telescopic. An acquaintance is formed with the principal constellations and the chief stars. Nebulae, Star Clusters, Multiple Stars, Jupiter and his moons, Saturn and his rings, and other interesting celestial facts are observed.

Texts: Young's Manual of Astronomy, Young's General Astronomy, Newcomb and Holden's Astronomy.

A laboratory fee of 50 cents is charged.

**PLANE SURVEYING**—*Five hours lecture. Ten hours field work. Twelve weeks.*

This course takes up the theory and practice of plain surveying, covering the study of the pace; lining by naked eye; chaining; taping; survey and calculation of areas; division of land; profiles; cross-sections; grade lines; public land surveys; observation on the polaris and determination of the meridian by solar observation. The work is demonstrated through recitations and lectures, supported by actual field and office work. Particular attention is given to form and quality of notes.

Texts: Plane Surveying—Tracy Surveying Manual—Pence & Ketchum. Field Book No. 403.

An instrument fee of \$1.00 is charged.

**TOPOGRAPHICAL SURVEYING**—*Ten hours recitation and field work. Twelve weeks.*

Recitations, lectures, field and office work, in the theory and practice of stadia; plain table and other instruments employed in topographical surveys. The development survey is made on a tract of land, including a part of the city, open field, and rough country. A hydrographic survey is made of one of the lakes in the vicinity.

Texts: Plane Surveying, Tracy.

An instrument fee of \$1.00 is charged.

Surveying may be substituted for Astronomy in the Scientific course, but if such substitution is made the candidate must present credit for the twenty-four weeks course of Plane and Topographical Surveying.

LATIN—*Five hours. One hundred forty-four weeks.*

A complete treatise of the work offered in this subject may be found on page 67. Latin is elective in the Scientific Course of study.

GERMAN—*Five hours. One hundred forty~~X~~ weeks.*

A complete treatise of the work offered in this subject may be found on page 68. German is elective in the Scientific Course of study.

ENGLISH—*Five hours. Ninety-six weeks.*

A complete treatise of the work offered in this subject may be found on page 65. Courses I to VIII inclusive are required in the Scientific Department.

INORGANIC CHEMISTRY I—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

An introduction to chemistry is presented, including sufficient of the fundamental theories and laws pertaining thereto necessary to give the student a comprehensive grasp of the subject. Descriptive work, including the non-metals only is presented by lecture and demonstration.

Text: Newell's Descriptive Chemistry.

A laboratory fee of \$2.50 is charged.

INORGANIC CHEMISTRY II—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

This course is a continuation of the preceding course in which a discussion of the common metals is taken up and completed, together with a brief discussion of organic chemistry and the principles of quantitative analysis.

Laboratory experiments are performed by each student bearing directly upon the class work offered. As much of the quantitative is introduced as possible. This accompanies the preceding course and a credit in each course is made subject to satisfactory work in laboratory.



Texts: Newell's Descriptive Chemistry, Newth's Inorganic Chemistry, Newell's Laboratory Manual.

A laboratory fee of \$4.00 is charged.

**ANALYTICAL CHEMISTRY**—*Ten hours. Twelve weeks.*

This is a laboratory course in qualitative analysis with lectures and quizzes, two hours per week. Systematic and special methods for separating and recognizing all the common metallic and acid radicals. Particular attention given to the determination of unknowns.

Text: Newth's Qualitative Analysis.

A laboratory fee of \$4.00 is charged.

**BOTANY, ZOOLOGY, GEOLOGY**—*Five hours. Thirty-six weeks.*

A complete treatise of the work offered in these subjects may be found on page 58.

The candidate for the degree in the Scientific Department may omit any one of these subjects, and may substitute for any one of the remaining subjects forty-eight weeks or two hundred forty hours work in an advanced subject.

**UNIVERSITY PHYSIOLOGY.**

**COURSE I**—*Five hours recitation and lecture. Three hours laboratory. Twelve weeks.*

Including a study of the chemical composition of the human body, tissues, osseous system, circulatory system and respiratory system.

A laboratory fee of \$1.00 is charged.

**COURSE II**—*Five hours recitation and lecture. Two hours laboratory. Twelve weeks.*

Including the study of digestion, excretion, nutrition, the nervous system and the senses.

Text: Martin's Human Body. References: Howell, Stewart, Hill, Halliburton, Brubaker, etc.

A laboratory fee of \$1.00 is charged

**PHYSICS.**

A complete treatise of the work offered in this subject may be found on page 56. Course I, Course II, Course III and Course IV are required in the Scientific Department.

## DEPARTMENT OF ENGINEERING.

*A special announcement of the Department of Engineering is issued annually. Those desiring further information concerning this department should address the University for the Annual Announcement.*

The Department of Engineering is composed of the Civil, Electrical, Mechanical, Architectural, and Chemical branches. The first named is the only one fully developed, the other three being carried at present through the first year only.

The object of the Civil Engineering course is to provide such training in the theory, and such practice in field, shop, laboratory and drawing room, as to fit the student to undertake the exacting duties of the modern civil engineer.

The course is carefully designed and each subject logically follows its predecessor. It covers the field of Civil Engineering completely and at the same time includes certain allied subjects necessary for the full development of the civil engineer.

Among these subjects are Chemistry and Bacteriology, which in their aspects bearing upon sanitary engineering and water supply, are investigated to a considerable length. The courses in Railway Engineering, Bridge Design, Reinforced Concrete, Masonry Construction, and Testing Materials, are practically complete to date, but are enlarged each year to keep in touch with latest engineering practice.

### PREPARATORY WORK FOR CIVIL ENGINEERING.

The courses in engineering are designed for the accredited High School graduate but so many have not had such training that it has been found proper to require a certain amount of preparatory work for the engineering course.

This consists of a diploma from an accredited High School or its equivalent.



It is possible for some of the preparatory work to be made up after entrance into the work of the engineering course, but it will be understood that the student is on condition during that period.

The University maintains excellent facilities for those desiring to do this preparatory work here and offers each of the following courses which are suggested for the regular preparatory student leaving the common schools.

*Algebra I, II, III, Plane and Solid Geometry, Botany, Zoology, Chemistry I, Physics I, II, III, IV, Psychology, Composition, Rhetoric, History, (Ancient, Medieval and Modern, American) German or Latin I, II, III, IV, Literature (English, American, College Classics) Commercial Arithmetic Review, Bookkeeping, Free Hand Drawing.*

#### ADMISSION.

Any student may enter any class without examination. However, much time can be saved by consulting with the Dean of Engineering and arranging the schedule to fit the student's preparation and ability.

The student who is properly prepared can complete the course in three years of forty-eight weeks each. If note be taken that in nearly all of the subjects five hours or more each week are required, and forty-eight weeks each year without holidays are actually spent in the work, it will be found that the number of hours of instruction, field work, etc., is greater in three years, than in the four years of the courses usually offered by other universities and technical schools.

**FIRST YEAR.**

No.	SUBJECT	HOURS PER WEEK	
First Term, 12 weeks.		Recitation.	Practice.
1.	Trigonometry .....	5	—
2.	Mechanical Drawing .....	—	5
3.	German or Latin Course V .....	5	—
4.	Shop, Bench and Lectures .....	1	5
5.	English, Course V .....	5	—
<b>Second Term, 12 weeks.</b>			
6.	University Algebra (4th Algebra).....	5	—
7.	German or Latin Course VI .....	5	—
8.	Analytical Chemistry .....	—	10
9.	Mechanical Drawing .....	—	5
10.	Shop, Lathe and Lectures .....	1	5
11.	English, Course VI .....	5	—
<b>Third Term, 12 weeks.</b>			
12.	Analytical Geometry .....	5	—
13.	Plane Surveying .....	5	10
14.	German or Latin Course VII .....	5	—
15.	Advanced, Inorganic Chemistry .....	5	—
16.	Mechanical Drawing .....	—	5
<b>Fourth Term, 12 weeks.</b>			
17.	Analytical Geometry and Calculus .....	5	—
18.	Topography .....	2	8
19.	Railway Curves .....	5	5
20.	German or Latin Course VIII .....	5	—
21.	Industrial Chemistry .....	3	—
22.	Mechanical Drawing .....	—	5

Four advanced subjects approved by the Dean may be elected in place of German in the Freshman year of Engineering.



**SECOND YEAR.**

No.	SUBJECT	HOURS PER WEEK	
<b>First Term, 12 weeks.</b>		<b>Recitation.</b>	<b>Practice.</b>
23.	Calculus .....	5	—
24.	Railway Location .....	1	9
25.	Railway Construction .....	2	3
26.	Railway Maintenance and Economics..	2	3
27.	Physics, Course V .....	5	—
<b>Second Term, 12 weeks.</b>			
28.	Calculus .....	5	—
29.	Descriptive Geometry (I) .....	5	—
30.	Algebraic and Graphic Statics .....	5	—
31.	Astronomy .....	5	—
32.	Physics, Course VI .....	5	—
<b>Third Term, 12 weeks.</b>			
33.	Differential Equations (Optional) .....	5	—
34.	Strength of Materials .....	5	—
35.	Algebraic and Graphic Statics .....	5	5
36.	Dynamical Geology .....	5	—
37.	Physics, Course VII .....	5	—
<b>Fourth Term, 12 weeks.</b>			
38.	Theoretical Mechanics .....	5	—
39.	Bacteriology .....	5	5
40.	Economical Geology (Blow Pipe Analysis) .....	5	5
41.	Physics Course VIII .....	5	—
42.	Debating .....	1	—
43.	Descriptive Geometry (II) .....	—	10

Upon the satisfactory completion of the above subjects the degree of Bachelor of Science in Surveying is conferred.

**THIRD YEAR.**

No.	SUBJECT	HOURS PER WEEK	
First Term, 12 weeks.		Recitation.	Practice.
44.	Hydraulics .....	5	—
45.	Theory of Structures .....	5	5
46.	Testing Materials (General) .....	2	8
47.	Commercial Law .....	5	—
48.	Debating .....	1	—
Second Term, 12 weeks.			
49.	Bridge Design (1) .....	2	6
50.	Municipal Engineering		
	Road and Pavements .....	1	3
	Water Supply .....	2	7
51.	Testing Materials (Cement and Concrete) .....	2	8
52.	Heating and Ventilating .....	2	3
53.	Engines and Boilers .....	2	—
Third Term, 12 weeks.			
54.	Bridge Design (II) .....	1	6
55.	Municipal Engineering (Sewerage) ....	2	8
56.	Masonry Construction .....	2	7
57.	Steam and Gas Power .....	2	—
58.	Political Economy .....	5	—
Fourth Term, 12 weeks.			
59.	Structural Design .....	2	4
60.	Masonry Construction .....	3	6
	(Reinforced Concrete, Stereotomy)	2	6
61.	Cost and Management Engineering.....	5	—
62.	Thesis .....	1	—
63.	Railway Structures .....	1	4
64.	Seminar .....	2	—

Upon the satisfactory completion of the above subjects the degree of Civil Engineer is conferred.



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**DESCRIPTION OF ENGINEERING SUBJECTS.**

The regular college subjects will be found listed and described under their respective heads.

**1. Surveying.**

(a) PLANE—*Five hours lecture. Ten hours field work. Twelve weeks.*

Recitations, lectures, field and office work in the theory and practice of plane surveying. The highest standards of form and style of field notes and office calculations are required.

An instrument fee of \$1.00 is charged.

(b) TOPOGRAPHICAL SURVEYING—*Ten hours field work. Twelve weeks.*

A study of the theory and practice of the stadia, plane, table and other instruments employed in topographical surveys. A topographical survey is made of a tract of land, including city lots, open field, rough country, and a hydrographic survey is made of a portion of one of the lakes in the vicinity.

An instrument fee of \$1.00 is charged.

**2. Railway Engineering.**

(a) RAILWAY CURVES—*Five hours recitation. Five hours field work. Twelve weeks.*

This course takes up the theoretical study of simple, compound, and reversed railway curves, with sufficient field practice to prepare the student for the more advanced work in Railway Location.

(b) RAILWAY LOCATION—*One hour lecture. Nine hours field work. Twelve weeks.*

A complete survey of a railway some miles in length, in which the student makes the reconnaissance, preliminary survey, topography, mapping, profiling, projecting the location, approximate estimate and final location. Advanced field problems in simple compound and transition curves.

An instrument fee of 50 cents is charged.

(c) RAILWAY CONSTRUCTION—*Two hours lecture. Three hours drafting. Twelve weeks.*

Lectures, office and field work in railway construction, including cross-sectioning, calculations of quantities; haul, monthly and

final estimates, etc. A complete estimate of quantities and cost of the located line, assigned reading.

(d) RAILWAY MAINTENANCE AND ECONOMICS—*Two hours lecture. Three hours drawing. Twelve weeks.*

The maintenance of railway track and structures; lectures, recitations, inspection trips, design, comparison of rail sections, tie plates, locks; section of road bed, freight yard, lectures on timber, treating ballast, etc. Economics of railway location, revisions, and improvements; analysis of operating expenses, as affected by grades, curves; economic estimates.

(e) RAILWAY STRUCTURES—*One hour lecture. Four hours drawing. Twelve weeks.*

Design of bridge abutments, piers, ash pits, turn tables, round houses, yard design, railway signaling.

### 3. Applied Mechanics.

(a) THEORETICAL MECHANICS—*Five hours. Twelve weeks.*

A study of the laws of equilibrium and motion; algebraic determination of stresses, center of gravity, moment inertia, work, energy and friction.

(b) STRENGTH OF MATERIALS—*Five hours. Twelve weeks.*

Mechanics of materials, including stresses and deformations in tension compression, shearing, torsion and flexure; also strength of long columns, continuous girders, reinforced concrete and the elements of the theory of elasticity. Special effort placed on reinforced concrete.

(c) HYDRAULICS—*Five hours. Twelve weeks.* Lectures and

Lectures and recitations covering the laws of motion of fluids; flow of water through orifices, pipes, open channels, and over wires, and the fundamental principles underlying hydraulic development.

### 4. Algebraic and Graphic Statics.

(a) GRAPHIC STATICS—*Five hours lecture. Ten hours drawing. Twenty-four weeks.*

Analysis of stresses in roof trusses under action of static and wind loads, and in bridge trusses under action of static and moving wheel loads.

(b) THEORY OF STRUCTURES—*Five hours recitation. Twelve weeks.*

Lectures and recitations covering theory of combined stresses



and influence lines; analysis in draw, cantilever and suspension bridges, arch-ribs, and steel structures. Notes on the economical design of structural parts.

### 5. Testing Materials.

(a) GENERAL—*Two hours lecture. Eight hours laboratory. Twelve weeks.*

An experimental study of the effect of tension, compression, torsion flexure, upon steel, wood, stone, concrete, plain and reinforced, brick, and other building materials. The student learns to judge the character of and material properties of building materials and to verify theoretical laws.

A laboratory fee of \$1.00 is charged.

(b) CEMENT AND CONCRETE—*Two hours lecture. Eight hours laboratory. Twelve weeks.*

Special and advanced work in testing materials used in masonry construction, with particular attention to cements and proportioning concretes, the effect of proportioning on the cost.

A laboratory fee of \$1.00 is charged.

### 6. Municipal Engineering.

(a) ROADS AND PAVEMENTS—*One hour lecture. Three hours drafting and field work. Twelve weeks.*

Recitations and lectures on purpose, quality, location, construction and maintenance of roads and pavements; friction and resistance to rolling; tractive power of gradients; design estimates, cost, and field location of different types of roads at various grades.

(b) WATER SUPPLY ENGINEERING—*One hour lecture. Six hours drafting. Twelve weeks.*

A study of the various sources of water supply; design and construction of the various methods of supplying water, methods of connection and distribution; pumping machinery, tanks, and reservoirs.

(c) SEWERAGE—*Two hours lecture. Eight hours drafting. Twelve weeks.*

Systems of carriage for storm water and sewerage, separate and combined; laws of flow; field work in running profiles, profiles from contours, determining grades, computing quantities, designs

of plans; specifications; contract and method of assessment.

(d) BACTERIOLOGY—*Five hours lecture. Five hours laboratory. Twelve weeks.*

This course covers the microscopical examination of drinking water; qualitative and quantitative bacteriological analysis of water and sewage; practice in detecting sewage bacteria in suspected waters; the interpretation of chemical analysis bearing on bacteriological analysis, personal and public hygiene, contagion, pasteurization and sterilization.

## 7. Power Engineering.

(a) ENGINES AND BOILERS—*Two hours lecture and recitation. Twelve weeks.*

A study of steam and gas engines as to structural detail; valves, simple and compound; link motion and reversing gears; zeuner diagrams and the theory of steam engine indicator. A similar study is made of a number of typical boilers as to their construction, advantages and disadvantages. The modern steam turbine and gas engine receive particular attention concerning their construction.

(b) STEAM, GAS AND ELECTRIC POWER—*Two hours lecture. Twelve weeks.*

Methods of estimates, cost, and design of power plants of steam, gas, and electricity.

## 8. Design of Steel and Wood Structures.

(a) BRIDGE DESIGN AND DETAILS—*Two hours lecture. Twelve weeks.*

Definition, classes, development, design estimate of quantities, weight and cost of truss bridges and plate girders. Special attention given to shop details.

(b) STRUCTURAL DESIGN AND DETAILS—*Two hours lecture. Four hours drawing. Twelve weeks.*

Study of the design and erection of steel frame buildings; estimates, weight, shop details and cost; also the design, erection, estimate and cost of wood frame buildings. Advanced lectures on the supply, use and preservation of structural timber.

## 9. Masonry Construction.

(a) MASONRY CONSTRUCTION.

Principles of foundations; design of grillage, pile and reinforced concrete foundations, design of reinforced concrete beams,



girders, slabs, columns, buildings, retaining walls and arches. Special study is made of the various construction companies' catalogues and the value of their patents.

#### **10. Heating and Ventilating.**

A study of the principles underlying the design of the various systems of heating and ventilating in common use, as employed in private and district heating plants. Special attention is paid to practical applications and comparative efficiencies. The designs submitted by each student cover systems used in residences, school or office buildings, and central heating stations. The classroom work is supplemented by laboratory experiments. Two lectures and three recitation hours each week. Must be preceded or accompanied by Physics III.

#### **11. Cost Engineering.**

Study of principles underlying cost and management on large and small contracts. Reading and estimating quantities from blue prints. Collection and tabulation of cost data. Study of labor conditions in various parts of the world. Comparison of costs between hand labor, animal labor, and machine labor.

#### **12. Inspection Trips.**

Each student is required to participate in at least one inspection trip, covering one day, each year, during 2d and 3d years.

The second year trip takes place during first term and applies to Railway Engineering.

The third year trip covers Bridge and Municipal Plants.

The total expenses need not exceed \$3.00 per trip. A small fee is charged to pay the general expense of the trip and arrangements

#### **13. Seminar.**

*Two hours, Twelve weeks.* Assigned reading and reports on current and past engineering subjects. Semi-weekly meetings and discussions of leading articles of the week.

#### **14. Thesis.**

The completion of a satisfactory thesis or its equivalent is required of all candidates for the degree of Civil Engineer. The subject must be submitted prior to the opening of the term in which it is worked. The subject and treatment will be amenable by the Dean of Engineering.

For further information address,

DEPARTMENT OF ENGINEERING, VALPARAISO UNIVERSITY,  
Valparaiso, Indiana.

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DEPARTMENT OF SCIENCES.

This department is completely equipped with laboratories fitted with every appliance necessary to the thorough investigation of the subject pursued.

**CHEMISTRY.**

Chemistry is the fundamental branch of all science study. Special attention is given to this branch, because without a complete mastery of the general principles of Chemistry but little progress can be made in other science work.

Two courses are offered: one for those who desire a general knowledge of the subject, and the other for those who desire to make practical use of Chemistry in Dentistry, Medicine, Pharmacy and Chemical Analysis.

The first course includes general Inorganic Chemistry, and prepares for teaching the subject in high schools, academies and other preparatory schools.

The subject is always taught in connection with experiments demonstrating the subject under consideration. Aside from the work in the class room, each student is required to work in the laboratory under the direction of a special instructor from one hour to several hours each day, the time required dependent upon the nature and advancement of the course. The laboratories are fully equipped with all modern appliances and afford an excellent opportunity for carrying on practical work.

The *special course* is more complete and requires from seventy-two to ninety-six weeks in both class room and laboratory. These courses include the theoretical and practical work in Inorganic, Organic, Physiological and Pharmaceutical Chemistry; also both Qualitative and Quantitative Chemical Analysis. Those who complete this course are qualified to do the work of a practical chemist. For further information see the Pharmaceutical Chemist course page 103, or write for special catalog.

Texts: Newell, Newth's Inorganic, Newth's Analysis, Holland, Remsen, Coblenz and Vorisek, and Gattermann. References: Bloxam, Smith, Richter, Sadtler and Coblenz, Thorp, Prescott and Johnson, Sutton, etc.



## PHYSICS.

The work in Physics consists of a series of studies adapted to the needs of those preparing to teach, or to those who are pursuing a course in pure science, either as a means of mental discipline, or as a preparation for a course in Engineering or some other branch of technological science.

The following courses are offered:

**COURSE I**—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Mechanics. Consists of a brief introduction to the subject and a study of the fundamental properties of matter, inertia, capacity for energy, gravitation and elasticity. Special emphasis is laid on Newton's Laws on Motion and their application to mechanics.

Text: Cloud's Principles of Physics.

Prerequisite—Algebra and Plane Geometry.

A laboratory fee of \$2.50 is charged.

**COURSE II**—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Fluids and Heat. Comprises a brief study of hydrostatics, special properties of matter, a chapter on waves, thermometry, the simpler effects of heat and an elementary treatise of heat engines.

Prerequisite—Algebra and Plane Geometry.

A laboratory fee of \$2.50 is charged.

**COURSE III**—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Electricity and Magnetism. Brief historical survey of electrostatics, magnetism and current electricity. Considerable practice in the solution of problems is given.

Prerequisite—Chemistry and Trigonometry.

A laboratory fee of \$2.50 is charged.

**COURSE IV**—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

A study of wave motion, vibrating bodies and properties of sound, reflection, refraction, dispersion, diffraction and polarization.

Prerequisite—Courses I, II, III.

A laboratory fee of \$2.50 is charged.

COURSE V—*Three hours recitation and lecture. Four hours laboratory. Twelve weeks.*

Kinematics and Dynamics. This course consists of a more extended study of mechanics. The treatment is more mathematical and the laboratory work is more complicated. The present texts (1913), are Magie's Principles of Physics and Millikan's Laboratory Manual.

Prerequisites—Analytical Geometry and Calculus.

A laboratory fee of \$2.50 is charged.

COURSE VI—*Three hours recitation and lecture. Four hours laboratory. Twelve weeks.*

Heat and Thermodynamics. This course is a continuation of Course V, using same texts and assuming same prerequisites.

A laboratory fee of \$2.50 is charged.

COURSE VII—*Three hours recitation and lecture. Four hours laboratory. Twelve weeks.*

Electricity and Magnetism. This course consists of electrical measurements with some development of the theory of electrical instruments. Numerous problems.

Prerequisites—same as Course V.

A laboratory fee of \$2.50 is charged.

COURSE VIII—*Three hours recitation and lecture. Four hours laboratory. Twelve weeks.*

Optics. This course consists of the study of geometrical and physical optics, with many problems.

Prerequisite—same as Course V.

A laboratory fee of \$2.50 is charged.

## PHYSIOLOGY.

COURSE I—*Five hours recitation and lecture. Two hours laboratory. Twelve weeks.*

Elementary Physiology. A brief course in the study of anatomy, physiology, hygiene and sanitation. This course is designed for those who are preparing to enter the higher departments, such as Education, Scientific, Medicine, Dentistry, Nursing, Pharmacy, etc.

A laboratory fee of 50 cents is charged.



**COURSE II**—*Five hours recitation and lecture. Three hours laboratory. Twelve weeks.*

University Physiology. This course consists of a study of the chemical composition of the human body, tissues, osseous system, circulatory system and respiratory system.

A laboratory fee of \$1.00 is charged.

**COURSE III**—*Five hours recitation and lecture. Two hours laboratory. Twelve weeks.*

University Physiology. This course consists of the study of digestion, excretion, nutrition, the nervous system and the senses.

Text: Martin's Human Body. References: Howell, Stewart, Hill, Halliburton, Brubaker, etc.

A laboratory fee of \$1.00 is charged.

## **BOTANY.**

**COURSE I**—*Five hours recitation and lecture. Five hours laboratory and field work. Twelve weeks.*

Elementary Botany. This course includes a study of roots, stems, leaves, flowers, fruits and seeds of the common herbs, shrubs and trees.

A laboratory fee of \$1.50 is charged.

**COURSE II**—*Five hours recitation and lecture. Five hours laboratory and field work. Twelve weeks.*

Evolution and Classification of Plants. This course includes a study of the morphology, evolution and classification of type specimens of the groups of plants; beginning with the lowest forms and advancing to the highest; closing with a study of the more common families of seed plants.

A laboratory fee of \$1.50 is charged.

**COURSE III**—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Plant Histology. This course includes the preparation of permanent microscopical sections, and a study of plant tissues and cell products by the aid of the compound microscope, finishing with the microscopical examination of some of the more important vegetable drugs and foods.

A laboratory fee of \$1.50 is charged.

COURSE IV—*Five hours recitation and lecture. Five hours laboratory and field work. Twelve weeks.*

Plant Physiology and Ecology. This course includes a study of absorption and transfer of raw material, photo synthesis, digestion, assimilation, translocation and storage of food, respiration, irritability, growth and movement; followed by a study of the relations of plants to light, heat, soil, moisture, animals and other plants, plant breeding and forestry.

Texts: Bergen and Davis, Coulter Barnes and Cows. References: Strausburger, Campbell, Kerner and Oliver, Sachs, McDougal, Detner-Moor, Pfeffer-Ewart, Bailey, Goebel, Gray Britton, etc.

## ZOOLOGY.

COURSE I—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Introduction to Zoology: Classification of the invertebrate branches; ecology; a general discussion of evolution. The study of the typical representatives of the invertebrate branches.

A laboratory fee of \$1.50 is charged.

COURSE II—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Insecta and Chordata: Classification and discussion of the class Insecta and of the branch Chordata. Careful dissection and study of an insect, a fish, frog, turtle, snake and pigeon.

A laboratory fee of \$1.50 is charged.

COURSE III—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Comparative Anatomy: A general study of the comparative anatomy of vertebrate. Animal histology, in which the student is taught how to mount, to study and to identify animal tissues.

A laboratory fee of \$2.50 is charged.

COURSE IV—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Economic Zoology: The economic relations of many animals are studied. A partial review of the previous terms' work is given. The student makes a collection of and a classification of one hundred



species of insects. These insects are to represent all of the larger orders.

A laboratory fee of \$1.50 is charged.

Texts: Jordan, Linville and Kelly, Wiedersheim, Osborn.  
References: McMurrich, Weyssse, Parker and Haswell, Chapman, Thomson, Jordan and Heath, Kellogg, Comstock.

## GEOLOGY.

The work in Geology is conducted on the recitation and lecture plan. Those graduating from the Department of Engineering are required to take Course I and Course II. If chosen for a science in the Scientific Department Course I, Course III, and either Course II or Course IV.

*COURSE I—Five hours recitation and lecture. Twelve weeks.*

Dynamical, Structural and Physiographic Geology. In these subjects the forces, causes and laws underlying geological phenomena are considered. The destructive and reconstructive processes are carefully studied so that the earth's entire structure can be better understood.

*Course II—Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Economic Geology. The classroom work consists of lectures and quizzes on the occurrence and distribution of the various rocks and minerals that are of economic importance. The laboratory work is a course in blowpipe analysis. The student is taught how to identify by blow-pipe tests and by other means a large number of mineral and rock specimens.

A laboratory fee of \$3.00 is charged.

*COURSE III—Five hours recitation and lecture. Twelve weeks.*

Historical Geology. A careful study is given to the various hypotheses of the earth's origin. The meaning of the geological succession of plants and animals is emphasized, and a study of the character and distribution of the rocks of each period is given with considerable detail.

*COURSE IV—Five hours recitation and lecture.*

Advanced Dynamical and Structural Geology. This course is a continuation of Course I and the classroom work consists of lec-

tures on advanced Dynamical and Structural Geology. A collection of drift boulders of this locality is made and the student is taught how to identify them. The student also learns how to interpret geological maps and he will be expected to make reports upon assigned topics.

A laboratory fee of \$1.00 is charged.

## MINERALOGY.

*COURSE I—Five hours recitation and lecture. Five hours laboratory. Six weeks.*

This course is given especially to Pharmacy students. Eighty rocks and mineral specimens are furnished. The student is expected to learn how to identify his specimens by means of the general properties of rocks and minerals and to learn their economic importance. A short discussion of crystallization is also given in this course.

A laboratory fee of \$1.00 is charged.

Texts: Scott, Hobbs, Ries, Bennett. References: United States Geological Survey Reports. Geikie, LeConte, Tarr, Chamberlin and Salisbury.



## CLASSICAL DEPARTMENT.

*Subjects pursued. After completing the work of the Scientific Department the following subjects are pursued: Latin, German, Greek, Psychology, Logic, Political Economy, Ethics, English, Ancient History, English History, American and European Politics, Modern European History, the Period of the Reformation and the French Revolution.*

The work in this department leads to the degree of Bachelor of Arts. To obtain this degree the candidate must be a graduate from the Scientific Department, or must have equivalent attainment; then successfully pursue the work of the Classical Department.

The work is intended to bring within the reach of all the broader culture which has always been indispensable to the highest success in professional life, and is equally indispensable to the honorable discharge of the common duties of citizenship. And it has been abundantly proved that those who honestly do the work of the department can pursue the work here begun to the utmost limits fixed by natural ability and the duties of life.

The language work required is somewhat optional. Latin or German may be elected as a major study and either the non-elected study or Greek may be carried as a minor study.

### LATIN.

A complete treatise of the work offered in this subject may be found on page 67.

The Latin of the Classical year is read chiefly as literature. The forms and constructions are carefully worked out, but not pedantically; the emphasis is placed upon the literature as illustrations of national habits of thought, and the social and political institutions of the times, while these latter are constantly compared with the social and political movements of the present.

As a major study Course XIII, Course XIV, Course XV and Course XVI are required. As a minor study Course I, Course II, Course III and Course IV are required.

### GERMAN.

A complete treatise of the work offered in this subject may be found on page 68.

As a major study Course XIII, Course XIV, Course XV and Course XVI are required. As a minor study, Course I, Course II, Course III and Course IV are required.

GREEK—*Five hours. ~~Twelve~~ weeks.*

A complete treatise of the work offered in this subject may be found on page 68.

In the work with the Greek authors the main paradigms are thoroughly mastered, and the student learns how to use his grammar and lexicon intelligently. He obtains, too, a genuine insight into the literature of what he reads. Greek is only acceptable in this department as a minor study.

PSYCHOLOGY—*Five hours. Twelve weeks.*

This course is worked out as the science of Mind. The topics worked out are such as: the Connection of Mind and Body; the Structure of Mind; Consciousness; the Functions of Mind; the Abnormal forms, hallucinations, hypnotism, etc.; the speculative forms, the subconscious, telepathy, etc.

LOGIC—*Five hours. Twelve weeks.*

Logic is defined as the science of the Laws of Thought as Thought. The topics discussed are the forms of thought—the Concept, the Judgment, and Reasoning; the Laws of formal thought; the different kinds of reasoning—Deduction, Induction; the Methods of Science—Guess, Hypothesis, Theory, with some attention to the philosophical principles underlying all.

POLITICAL ECONOMY—*Five hours. Twelve weeks.*

This subject is regarded as the science of Wealth, or of Values, with the three departments, Production, Distribution, and Consumption. The Factors of productions, the Market, or Exchange, Rent, Wages, Interest, are carefully considered; and the concrete application, Socialism, Cooperation, Tariffs, etc., are discussed.

ETHICS—*Five hours. Twelve weeks.*

Ethics is the science of Conduct, and conduct is that part of human actions in which the interests of others must be reckoned with. Hence, such terms as right, wrong, duty, obligation, moral law, moral standard, must be clearly understood. Ethical theories and the development of the moral side of life are carefully attended



to. The concrete, every-day life in its ethical aspects and ideals receives special attention.

ENGLISH—*Three hours. Forty-eight weeks.*

The work in this subject covers Anglo-Saxon; Middle English; History of the Elizabethan Drama; Nineteenth Century Prose and Poetry, Lectures, reading, reports and a thesis by the student. It comprises Course IX, Course X and Course XI page 65.

HISTORY—*Five hours. Forty-eight weeks.*

English History; Ancient History, Modern European History; the Period of the Reformation and the French Revolution.

AMERICAN AND EUROPEAN POLITICS—*Five hours. Twelve weeks.*

Domestic and Foreign Commerce; International Politics, and the far-reaching readjustment in our industrial, political and foreign affairs since the rebellion.

## DEPARTMENT OF ENGLISH.

This department is especially for members of the Scientific Department and is open to other advanced students who may wish to enter it. The work consists of daily recitations by the students and lectures by the teachers each school day of the week for the entire year of forty-eight weeks. The instruction given by the Department of English has three objects: (1) proficiency in English composition; (2) a general acquaintance with English literature; (3) a more minute knowledge of certain authors whose works illustrate the development, not only of the English language, but also of English literature.

This course is much more comprehensive than anything offered heretofore, and embraces advanced English composition, designed to stimulate original productions; Oratory, embracing exercises in writing and delivering orations, speeches and addresses on given subjects; English literature, embracing an outline of its history and development with a careful study of certain representative authors, both American and English; Old and Middle English and Metrics receive sufficient attention to meet the wants of all ordinary students. Their study is a material aid to all seeking a thorough knowledge of our English language and literature. Etymology and Philology receive sufficient attention to enable a student to understand carefully and thoroughly the formation, growth and development of the English language from its beginning down to the present time.

## DESCRIPTION OF COURSES IN ENGLISH.

Course I to Course VIII inclusive are required in the Scientific Department.

COURSE I—*Five hours. Twelve weeks.*

American Literature. Brief historical survey, using Halleck's American Literature as a text, together with special study of several representative American writers.

COURSE II—*Five hours. Twelve weeks.*

History of English Literature. Historical survey of English Literature with emphasis on the periods, movements, literary types and the work of the greater writers.

Text: Long's History of English Literature.

COURSE III—*Five hours. Twelve weeks.*

English Classics (a). This course includes a careful study of selections from Essays of Macaulay, Lamb, Addison, De Quincey,



and Ruskin. Two reports, one oral, the other written, based on the reading of two representative novels selected from the works of Dickens, Thackeray, Hawthorne, Eliot, Reade, Kingsley, and Scott constitute a requirement for credit in this course.

**COURSE IV**—*Five hours. Twelve weeks.*

English Classics (b). This course includes a careful study of four or five selections from the following list: Sonnets and Minor Poems of Milton; Macbeth; Julius Caesar; Merchant of Venice; Midsummer Night's Dream; Selections from Palgrave's Golden Treasury; Vision of Sir Launfal. The outside reading and reports required for a credit in the course are the same as for Course (a), which see.

**COURSE V**—*Five hours. Twelve weeks.*

History of American Literature. A philosophical and historical study of the development and significance of American Literature.

Text: Richardson's History of American Literature.

**COURSE VI**—*Five hours. Twelve weeks.*

Shakespeare. Critical and textual study of four of Shakespeare's best plays. Rolfe's editions recommended.

**COURSE VII**—*Five hours. Twelve weeks.*

Chaucer and Milton. A detailed study of Chaucer's Prologue, Knight's Tale and Nonne Preestes Tale (6 weeks); a critical and textual study of several books of Paradise Lost, with a general consideration of the work as a whole (6 weeks).

**COURSE VIII**—*Five hours. Twelve weeks.*

Wordsworth, Carlyle, Tennyson. Twenty hours are devoted respectively to representative poems by Wordsworth and Tennyson and to Carlyle's Heroes and Hero-Worship.

**COURSE IX**—*Three hours. Twenty-four weeks.*

Anglo-Saxon and Middle English, 24 weeks. Usually 18 weeks are devoted to the study of Anglo-Saxon and 6 weeks to Middle English.

Texts: Bright's Anglo-Saxon Reader and Sweet's Middle English Primer.

**COURSE X**—*Three hours. Twelve weeks.*

History of the Elizabethan Drama. Lectures; reading, reports and a thesis by the student.

**COURSE XI**—*Three hours. Twelve weeks.*

Nineteenth Century Prose and Poetry. Lectures; reading, reports and a thesis by the student.

## DEPARTMENT OF LANGUAGES.

## LATIN.

Latin may be pursued as a major study in the Scientific Department and in the Classical Department. As a major study Courses I to XII inclusive are required in the Scientific Department and Courses I to XVI inclusive are required in the Classical Department.

COURSE I—*Five hours. Twelve weeks.*

Collar and Daniell, First Latin Book.

COURSE II—*Five hours. Twelve weeks.*

Collar and Daniell, First Latin Book.

COURSE III—*Five hours. Twelve weeks.*

Caesar, Part of Book I. Review of Paradigms.

COURSE IV—*Five hours. Twelve weeks.*

Caesar, Remainder of Book I, Book II. Latin Prose Composition.

COURSE V—*Five hours. Twelve weeks.*

Caesar, Book III, Book IV. Latin Prose Composition.

COURSE VI—*Five hours. Twelve weeks.*

Cicero, Pompey's Military Command. Latin Prose Composition.

COURSE VII—*Five hours. Twelve weeks.*

Cicero, Orations against Catiline, I, II. Latin Prose Composition.

COURSE VIII—*Five hours. Twelve weeks.*

Cicero, Orations against Catiline, III IV. The Citizenship of Archias. Some classes may read the De Senectute instead of Pompey's Military Command.

COURSE IX—*Five hours. Twelve weeks.*

Virgil, Aeneid, Book I.

COURSE X—*Five hours. Twelve weeks.*

Virgil, Aeneid, Book II, Book III.

COURSE XI—*Five hours. Twelve weeks.*

Virgil, Aeneid, Book IV, Book V, Book VI.

COURSE XII—*Five hours. Twelve weeks.*

Jones, Latin Prose Composition.



COURSE XIII—*Five hours. Twelve weeks.*

Sallust, the Catiline, or the Jugurtha.

COURSE XIV—*Five hours. Twelve weeks.*

Cicero, the de Amicitia.

COURSE XV—*Five hours. Twelve weeks.*

Horace, a Satire or the de Arte Poetica, with the Carmen Seculare and Selected Odes.

COURSE XVI—*Five hours. Twelve weeks.*

Tacitus, the Germania and the Agricola.

### GREEK.

Classes in Greek are organized at the beginning of the year only.

COURSE I—*Five hours. Twelve weeks.*

Reader and grammar, White's Lessons, old edition.

COURSE II—*Five hours. Twelve weeks.*

Homer, Iliad, one book reviewed. Grammar.

COURSE III—*Five hours. Twelve weeks.*

Sophocles, the Oedipus Tyrannus, or the Antigone. Grammar.

COURSE IV—*Five hours. Twelve weeks.*

Aeschylus, the Prometheus, or the Agamemnon. Grammar.

### GERMAN.

German may be pursued as a major study in the Scientific Department and in the Classical Department. As a major study Courses I to XII inclusive are required in the Scientific Department and Courses I to XVI inclusive are required in the Classical Department.

Connected with the work in German is the Germania Verein, a German society, which meets usually for an hour every Friday evening. It is a member of the Intercollegiate League of German Clubs of America, and under its auspices those studying German give two German comedies each year. The society also publishes a collection of folk-songs (Volkslieder) for the students and any others who may desire them.

COURSE I—*Five hours. Twelve weeks.*

Elementary work, and special stress on the pronunciation. As far as possible German conversation goes hand in hand with the reading and grammatical drill. The text books are Deutsches Lern- und Lesebuch and Roessler's Essential's of German Grammar.

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COURSE II—*Five hours. Twelve weeks.*

A continuation of Course I using the same text books.

COURSE III—*Five hours. Twelve weeks.*

In addition to the books used in the first two courses the class will read Bacon's *Im Vaterland*, a description of Germany and the manners and customs of the German people. A number of folk-songs are memorized and sung.

COURSE IV—*Five hours. Twelve weeks.*

Review of the work in the grammar, the principal parts of the strong and mixed verbs and the passive voice. The reading texts are *Immensee* and *Hoeher als die Kirche*, from which the composition work is done.

COURSE V—*Five hours. Twelve weeks.*

Reading Schiller's *Wilhelm Tell*, and sometimes *Jungfrau von Orleans* four days a week and German composition one day a week. A study also of contemporaneous history as related to these dramas. The texts used are: Joynes-Meissner German Grammar, Wesselhoeft German Composition, *Wilhelm Tell*, *Jungfrau von Orleans*.

COURSE VI—*Five hours. Twelve weeks.*

Goethe's *Hermann und Dorothea* four days a week and German composition one day a week. German conversation and advanced grammar work, especially in the syntax, and the use of the infinitives and participles and the subjunctive mode.

COURSE VII—*Five hours. Twelve weeks.*

German lyrics and shorter poems of Goethe, Schiller, Heine, Uhland, Rueckert, Geibel, Scheffel, Koerner and others. The students are required to give reports on the lives and works of these German poets, and to memorize some of the poems. German Composition one day a week. The reading text is Hatfield's *German Lyrics and Poems*, and the students secure the material for their reports from the German department of the University Library.

COURSE VIII—*Five hours. Twelve weeks.*

The history of Germany in German. The text is *Erzaehlungen aus der Deutschen Geschichte*, and the students are to amplify the reading text with original composition work in German.



COURSE IX—*Five hours. Twelve weeks.*

Scientific German. The class reads articles on Chemistry, Physiology, Physics, Geology, and other sciences, as the time will allow, and the work is intended to fit the student for reading German scientific books.

COURSE X—*Five hours. Twelve weeks.*

German Prose. Freytag's *Soll und Haben* and Sudermann's *Frau Sorge*. These are not translated by the class, but the students narrate in German the contents of certain pages or chapters of the text. These recitations are conducted wholly in German. Advanced German composition once a week, using Jagemann's *German Prose Composition and Jagemann's Syntax*.

COURSE XI—*Five hours. Twelve weeks.*

Lessing's *Nathan der Weise*, and a study of Lessing and his time. Composition once a week.

COURSE XII—*Five hours. Twelve weeks.*

Goethe's *Faust*, part one, and a study of Goethe and his time. Composition once a week.

COURSE XIII—*Five hours. Twelve weeks.*

History of German Literature from the beginning to Goethe. The text is Arnold's *Deutsche Literaturgeschichte*, and with the help of this outline the students will get their material from both German and English reference works in the University Library and report in German before the class. They will also read and give special attention to the *Nibelungen Lied* and *Gudrun*.

COURSE XIV—*Two hours. Twelve weeks.*

Modern German authors and their work. Twice a week, Mondays and Thursdays. In this and subsequent courses the students narrate in German the contents of the lesson, which usually constitutes a whole act of a drama, and all the work and discussions are in German.

Sudermann's *Johannes*.

Sudermann's *Die Heimat*.

Fulda's *Der Talisman*.

Fulda's *Die Jugendfreunde*.

Fulda's *Das Verlorene Paradies*.

Fulda's *Der Dummkopf*.

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COURSE XV—*Two hours. Twelve weeks.*

Modern German authors are continued.

Grillparzer's Sappho.

Grillparzer's Ein Traum, ein Leben.

Grillparzer's Die Ahnfrau.

Grillparzer's Weh dem, der luegt.

COURSE XVI—*Two hours. Twelve weeks.*

Modern German authors continued.

Kleist's Der Prinz von Homburg.

Hauptmann's Die Versunkene Glocke.

Wagner's Die Meistersaenger von Nuernberg.

Scheffel's Der Trompeter von Saekkingen.

COURSE XVII—*Two hours. Twelve weeks.*

Modern German authors continued and the history of German literature from Goethe to the present time.

Hebbel's Agnes Bernauer.

Hebbel's Herodes und Mariamne.

COURSE XVIII—*Two hours. Twelve weeks.*

This course is open to advanced students who intend to teach German and those who have been teaching German. The work consists of (a) a general survey of the grammar, (b) a discussion of methods of teaching in the various grades, (c) reports on observation work and (d) a drill on the German idiom. Those who desire may join a German table at the boarding halls.

**FRENCH.**

Classes in French are organized at the beginning of the year only.

The work of the first year in this subject gives special attention to pronunciation, fundamental principles of grammar, and translation both into English and into French. An idea is given of the customs, life, and spirit of modern France.

Second year work brings the student to the heart of French literature through the master expression of great writers. Theme work and reports are required to develop the original use of the language.

COURSE I—*Five hours. Twelve weeks.*

Fraser and Squair's Shorter French Course. After sixth week easy reading in Guerber's Contes et Legendes.



**COURSE II—***Five hours. Twelve weeks.*

Review and continuation of Course I. Short conversational work introduced.

Malat, Sans Famille.

**COURSE III—***Five hours. Twelve weeks.*

Work in grammar with particular emphasis on irregular verbs. Questions and easy composition on texts used.

Labiche, Le Voyage de Monsieur Perrichon.

Bazin, Contes Choisis.

Moliere en Recits.

**COURSE IV—***Five hours. Twelve weeks.*

Conversation, Advanced Grammar, Composition (Grandgent) once a week. Reading from Lamartine, Scenes de la Revolution Francaise.

Daudet, La Belle Nivernaise.

Sandeau, Mlle. de la Seigliere.

**COURSE V—***Five hours. Twelve weeks.*

Selections from representative authors of Seventeenth Century. Conversation and syntax.

**COURSE VI—***Five hours. Twelve weeks.*

Study of Moliere and his plays. Reading and synopsis in French on

Les Precieusis Ridicules.

L'Avare.

Tartuffe.

Le Malade Imaginaire.

**COURSE VII—***Five hours. Twelve weeks.*

Discussion and reports in French on poets and poetry the first six weeks of term. For the last six, reading in fiction and history themes on topics suggested.

**COURSE VIII—***Five hours. Twelve weeks.*

History of French Literature tracing evolution, influence and tendencies. Critical essays required.

**SPANISH.**

Classes in Spanish are organized at the beginning of the year only.

COURSE I—*Five hours. Twelve weeks.*

"Monsanto's and Languellier's Complete Spanish Course." After the fifth week the class will begin easy reading in "Loiseaux's Elementary Spanish Reader." Conversation.

COURSE II—*Five hours. Twelve weeks.*

"Bransby's Spanish Reader." Composition (Loiseaux's) once a week. Conversation.

COURSE III—*Five hours. Twelve weeks.*

"Alarcon's El Capitan Veneno." Composition (Loiseaux's) once a week. Conversation.

COURSE IV—*Five hours. Twelve weeks.*

"Galdos' Dona Perfecta." Composition (Loiseaux's) twice a week. Conversation.

## ITALIAN.

Classes in Italian are organized at the beginning of the year only.

COURSE I—*Five hours. Twelve weeks.*

Grandgent's Italian Grammar with sight reading. After the fifth week conversation and reading.

COURSE II—*Five hours. Twelve weeks.*

Fornaciari's Italian Grammar for reference, a course in De Amicis Coure and conversation. Composition.

COURSE III—*Five hours. Twelve weeks.*

Either Mangoni, I Promessi Sposi or Dante's Inferno. Composition.

COURSE IV—*Five hours. Twelve weeks.*

Continuation of Mangoni or Dante with other representatives of Italian literature. Composition.



## COURSES IN HISTORY

The general purpose in the study of History consists in leading the student to acquire an accurate knowledge of the essentials in History; to formulate a logical conception of the causes and motives in the historical movements, and to interpret these movements in the light of the problems of a nation's life.

### United States History.

COURSE I—*Five hours. Twelve weeks.*

This course covers the period from the Discovery to the close of John Adams' administration. Emphasis is placed upon the period of Discoveries and Explorations; the formation, growth and unification of the Colonies; the causes and results of the Revolution; the formation and establishment of our government.

COURSE II—*Five hours. Twelve weeks.*

Special emphasis is placed upon the industrial, educational, political and territorial expansion; the second war of independence; the rise of the slave issue, slave compromises including the war with Mexico and culminating in the Civil war; the period of reconstruction; the second period of great commercial, industrial, political and territorial expansion, including the war with Spain and the entrance upon an era of great international influence.

COURSE III—*Five hours. Twelve weeks.*

This is a review course for teachers and more mature students. The student is led to develop a broader and more comprehensive view of the larger problems in our history.

### General History.

COURSE I—*Five hours. Twelve weeks.*

An intensive study of the essentials of Ancient Oriental civilization in Asia and Egypt, Ancient Greece and Rome. The origin and growth of the Institutions are carefully traced so as to discover the essentials these ancient nations have contributed to modern life. Frequent oral and written reports on special topics.

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**COURSE II—*Five hours. Twelve weeks.***

This course is a study of Medieval and Modern History. The more comprehensive epochs of this work are the Dark Ages; the Revival of Learning; The Intellectual and Political Revolutions. The more specific sub-topics considered are: the Overthrow of the Ancient Roman Civilization; the Migrations and Settlements of the Teutonic and other Peoples; Charlemagne's Empire; the Rise and Decline of the Papal Power; Feudalism and Chivalry; the Crusades; the Rise of Modern Nations, and their Culture; the Period of the Reformation; the Thirty Years War; the Rise of the Political Power of the Present Nations; French Despotism and the French Revolution; Reorganization and Constitutional, Political, Industrial, Educational and Social growth of Europe since 1815. Frequent reports on special topics.

**English History.****COURSE I—*Five hours. Twelve weeks.***

An intensive study of the origins and growth of the English peoples; the development of their institutions, industries, education and society; the part the English nation played in the History of Medieval and Modern Europe, and her work and influence in the development of nations in the Modern World.

Each student is required to write a carefully prepared essay on some vital topic.

**COURSE II—*Five hours. Twelve weeks.***

This course is a careful study of the growth of England's Constitutional life, as exemplified in her great Charters and Parliamentary Evolution. Reports on special phases.

**The Period of the Reformation.****COURSE I—*Five hours. Twelve weeks.***

The work is directed to a careful survey of the causes leading to the movement; an analysis of the Reformation Proper; the issues arising in the several European nations and a thorough study of the culmination of the struggle, as exemplified by the Thirty Years War.



**The French Revolution.**

COURSE I—*Five hours. Twelve weeks.*

This course comprises a survey of the general causes including the study of the Despotism of Louis XIV, and of his successors. Special emphasis on the military and political phases including the Reign of Terror as the culmination of the violent phase. The reaction and the evolution of the Napoleonic Era, and his overthrow; an interpretation of the historic effects on French and European Institutions. Carefully prepared essays by every student.

**Modern European History.**

COURSE I—*Five hours. Twelve weeks.*

A general survey of the readjustment and development of Constitutionalism of Modern European Nations since 1815. Also a careful study of the growth of political liberty, social, industrial, educational, and territorial expansion peculiar to the several nations of Modern Europe. Frequent reports.

## DEPARTMENT OF ELOCUTION.

The Department has as its purpose the development of the three great forms of expression—Oral, Written, and Physical. Hence, the work offered is adapted to the practical and artistic needs of all who expect to become teachers of expression, public speakers, platform readers, actors, or journalists. But one of its greatest objects is personal development—the training of the body and voice for the ordinary pursuits of every-day business or social life. In all cases the student is taught to create new conceptions, with his own personality as a base, rather than to copy others. Study is first made of the simple principles underlying all thought and emotion, and these principles are then applied to the various forms of interpretation, the more complex principles being undertaken as the work progresses. Since it is the aim of the Department to give complete training in all the branches of expression, the standards of work are very high. Hence, its credits are accepted toward diplomas by all the leading schools of reading, acting, and public speaking throughout the country.

The Dean of the Department is a man of reputation in professional platform work, both as reader and lecturer. His relation with lyceum bureaus and expression schools has given him an unquestioned preparation, and made him a profound critic in the single field of interpretative art. Working in connection with him are special teachers in Physical Culture, Literature, Rhetoric, Psychology, and the Languages.

A year's work in the Department consists of four courses, a course being one hour's recitation a day, with two hours' preparation, for forty-eight weeks. But one may enter or leave class at any time and receive credit for work done. The price of tuition covered by general tuition admits to all classes, but upon the conditions hereinafter stated.

### PREPARATORY WORK.

The work of the Department is divided into preparatory and advanced. The preparatory work has as its purpose the removal of all high school conditions, and the giving of a preliminary training in the fundamental principles of expression. It may be undertaken by any one upon the approval of the teachers in charge.



Upon completing this work the student may undertake the advanced work. The preparation courses are as follows:

- Course 1. Usual High School Subjects.
- Course 2. Finished Grammar.
- Course 3. Sight Reading and Orthoepy.
- Course 4. Interpretation and Physical Culture.

#### ADVANCED WORK.

The advanced work requires the usual university entrance qualification, which is a high school diploma, or its equivalent, or one year in preparatory work. However, students unable to fulfill these requirements may enter certain classes and be conditioned in their back subjects, the conditions being removed by future work.

The advanced work covers three years of forty-eight weeks each. Upon completing the first two years, the degree of Bachelor of Oratory will be conferred; and upon completing the third year's work, the degree of Master of Oratory will be conferred. But under no condition will a degree be issued except upon one year's study at the University.

The students taking the advanced work are classed as Regulars and Specials.

**REGULARS**—The Regulars must receive credit for the entire work, and in the order in which it is offered. Any failure to do so may be made up by taking an equivalent course in another branch or by private lessons at the rate of 12 lessons a term for each course so made up. In addition, each student must produce at the close of each year a full evening's program, which is not to be less than forty-five minutes in length for Juniors and one hour and fifteen minutes in length for Seniors and Post-Graduates. This program may be a reading, a lecture, a pedagogical thesis, or the dramatization and production of a story, depending upon the special phase of the work in which the student may be interested. Each Senior and Post-Graduate must also stage a play during the year, the Post-Graduates coaching theirs before the class. The programs and the plays are the final test of the student's fitness for public work, and are rigidly required.

**SPECIALS**—The Specials may enter the Department at any time and take any course they desire, provided they meet entrance requirements. But in no case will they receive a degree.

Both Regulars and Specials are required to take, in addition to their class work, three private lessons a term at an extra cost of \$1 a lesson; except Post-Graduates, who are required to take 12 private lessons a term at an extra cost of 50 cents a lesson. Each student, upon registration, must hand to the Dean of the Department a receipt card from the Office showing that arrangement for these lessons has been made. Post-Graduates are also required, if requested, to substitute in the Department.

The courses in the advanced work are as follows:

### COURSES LEADING TO THE B. O. DEGREE.

#### Junior Year.

- Course 1. Rhetoric and Composition.
  - Course 2. Literature.
  - Course 3. Literary Analysis, with the Speaking Voice, preparatory for Senior work in Public Speaking, Acting, Reading, and Literary Interpretation.
  - Course 4. Evolution of Expression, covering the general principles of interpretation, together with Physical Culture, Gesture, Platform Deportment, and Pantomime.
- Twelve Private Lessons. (\$12.00)  
Full Evening Miscellaneous Program.

#### Senior Year.

- Course 1. Psychology or Literature.
  - Course 2. Public Speaking, with the Speaking Voice.
    - (a) Declamation. (First Term)
    - (b) Original Address. (Second Term)
    - (c) Finished Debate. (Third Term)
    - (d) Extempore Speaking. (Fourth Term)
  - Course 3. Public Reading, the rendering of Narration and Description, and the Interpretation of Normal and Burlesque Characters.
  - Course 4. Acting, the Study of Dramatic Principles and their application in the production of Popular and Classic Dramas.
- Twelve Private Lessons. (\$12.00)  
The staging of a play.  
Full Evening Popular Program.



## COURSES LEADING TO THE M. O. DEGREE.

**Post Graduate Year.**

Course 1. Optional

Course 2. Optional

Courses 1 and 2 must be subjects related to Expression, and in the student's special field of work.

Course 3. Expression

Course 4. Expression.

Courses 3 and 4 are to be selected from the Senior expression courses, and are to be finished work for the platform artist, the teacher of expression, or the dramatist.

Forty-eight Private Lessons. (\$24.00).

The staging of a play.

Full Evening Classic Program.

## DEPARTMENT OF MUSIC

*A special announcement of the Department of Music is issued annually. Those desiring further information concerning this department should address the University for the Annual Announcement.*

The new Music Hall, a beautiful structure, contains twice as much room as the old building. The Department is thoroughly equipped with seventy-two new pianos. Between sixty and seventy of these are in Music Hall, the remainder in other buildings available for use by the Department. Each student has a private practice room. In addition to these practice rooms there are ten large studios and special rooms for Harmony. For recitals, ensemble work, etc., there is a Recital Hall, thoroughly furnished with every appliance for such work.

For completeness in arrangement and equipment, no other conservatory of music, even in our largest cities, surpasses it.

Since the erection of this new hall, the attendance in the department has doubled.

The Department of Music was organized thirty-nine years ago. From the beginning it was the purpose of the founders to establish a Department of Music in which students might have all the advantages of the best musical conservatories in the large cities and at an expense that could be afforded by all. That the fondest hopes of the founders have been realized is shown by the fact that the department has had a growth which has never been equaled by any other conservatory of music.

The Department of Music is located so near Chicago that it must compete with the best work done there, so that students here have every advantage that they could possibly have in the city and at an expense not one-fifth as great.

### FACULTY.

While the teachers are professional soloists of high rank, yet they have been employed because they are specialists as instructors in their particular work. All have been pupils of the most noted masters and all are of wide culture and large experience. No amateurs or inexperienced teachers are employed, so that students may be assured that their instruction will be of the highest order.



### COURSES OF STUDY.

These are five in number, Preparatory, Teacher's Certificate, Graduate, Post-Graduate (or Gold Medal Course), and Public School Music. The time required for the completion of any of these courses of study depends upon the previous preparation, ability, talent and character of the work of the individual pupil.

### DEGREES CONFERRED.

Upon completing the Teacher's Course a Certificate is granted.

Upon completing the Diploma Course a Diploma is granted.

Upon completing the Gold Medal Course a Gold Medal is granted.

Upon completing the Public School Music Course a diploma is granted.

### SPECIAL ADVANTAGES.

All students taking the regular course in this department have access, without additional expense, to all classes in any of the literary departments of the University. This of itself is an advantage not found at any other conservatory of music.

### DEMAND FOR GRADUATES.

The result of the very superior advantages offered and the very thorough work done is that the graduates of the school are sought for as directors of music, singers, organists in choirs and especially as teachers in the best colleges, universities and normal schools in the land.

### EXPENSE.

A term's work in music consists of 22 piano or 22 vocal lessons, or 11 piano and 11 vocal lessons, 22 harmony lessons, and 3 practice hours every day. The expense of this is from \$31.50 to \$35.50. If the student desires to take 22 piano and 22 vocal lessons then the expense is from \$53.50 to \$57.50 per term. Without additional expense the student is admitted to all of the work in the literary department of the University, and is expected to take at least one subject in this department every term. Students who are advanced in their literary work and prefer to take additional work in music may do so at the rate of 75c to \$1 per lesson; and practice, \$2.50 per term for an hour each day.

For the completion of the full course in music the following additional subjects are required: History of Music, \$3 per term;

Harmonic Analysis, \$3 per term; Composition, \$3 per term; Counterpoint, \$6 per term.

The expense for those taking the full course in music, if paid in advance for the year of forty-eight weeks, is \$160. This includes 88 piano or vocal lessons, 88 harmony lessons, 3 practice hours daily, history of music, harmonic analysis, composition, counterpoint. The expense for those taking the full course in both piano and vocal lessons, if paid in advance for the year, is \$248.

#### PUBLIC SCHOOL MUSIC.

In connection with the Department of Music there is a special course in Public School Music, which consists of private lessons in Voice, private lessons in Piano, Harmony, Sight Reading, History of Music, Notation, Chorus Work, and during the summer term a class in which the best methods of presenting the subject to children are given.

Few schools offer equal advantages to those who are preparing to teach music in the public schools.

Excellent facilities for chorus work are offered, which all members of the Department of Music are required to take. In addition to this there is special training for choir work which those in the Department of Voice only are required to take.

#### PRACTICE AND INSTRUMENTS.

All lessons as well as all practice rooms are private. The instruments used are of the best quality. The Kimball Piano, the same as found in the best conservatories in Chicago, is used here.

While instruction is given on almost every musical instrument, yet special attention is given to Piano, Organ, Violin, Guitar, Mandolin, Banjo, Cornet, Clarinet, Cello, etc.

#### UNIVERSITY BAND.

A university band, a university orchestra, guitar and mandolin club, are kept up during the entire year. These give frequent public recitals, and each has at least one rehearsal every week. Each one of these gives one concert during the year.

#### GENERAL INFORMATION.

Lectures and recitals by the Faculty, or prominent musicians from abroad, are given every term. A musicale is given each week by members of the various classes at which every student of the department is expected to be present. Sheet music and music books



are for sale to the pupils at wholesale prices. No pupil is permitted to omit lessons or practice without sufficient excuse. No deduction is made for temporary absence from lessons or practice, for their being discontinued except in cases of illness or when one is unavoidably called away.

For sight reading, classes in Ensemble for Piano may be organized at any time.

## REQUIREMENTS FOR THE COMPLETION OF THE VARIOUS COURSES.

### Department of Piano.

#### PREPARATORY COURSE.

**Piano, 2 lessons per week, 1 to 2 years.**

Harmony, 2 lessons per week, 48 weeks.

Choir and chorus practice, 48 weeks.

One elective study each term of twelve weeks.

Debating, 18 weeks.

Practice, 3 to 4 hours daily.

Appearance on program and attendance at all recitals.

#### TEACHERS' CERTIFICATE COURSE.

**One year in addition to Preparatory Course.**

**Piano, 2 lessons per week.**

Harmony, 2 lessons per week, 48 weeks.

Counterpoint, 2 lessons per week, 24 weeks.

Harmonic Analysis, 12 weeks.

Composition, 1 lesson per week, 24 weeks.

Choir and Chorus, 48 weeks.

One elective study each term of twelve weeks.

Debating, 18 weeks.

History of music, 2 lessons per week, 24 weeks.

Practice, 3 to 4 hours daily.

Appearance on program and attendance at all recitals.

#### GRADUATE COURSE.

**One year in addition to Teachers' Certificate Course.**

**Piano, 2 lessons per week.**

Harmony, 2 lessons per week, 48 weeks.

Counterpoint, 2 lessons per week, 24 weeks.  
Composition, 1 lesson per week, 48 weeks.  
History of music, 2 lessons per week, 24 weeks.  
Choir and chorus practice the entire year.  
One elective study each term of twelve weeks.  
Debating, 18 weeks.  
Practice, 3 to 4 hours daily.  
Appearance on program and attendance at all recitals.

#### **GOLD MEDAL COURSE.**

**One year in addition to Graduate Course.**

**Piano, 2 lessons per week.**  
Chorus work the entire year.  
Composition.  
One elective study each term of twelve weeks.  
Debating, 18 weeks.  
Practice, 3 to 4 hours daily.  
Appearance on program and attendance at all recitals.

#### **Department of Public School Music.**

**Voice, 2 lessons per week for 48 weeks.**  
Piano, 1 lesson per week (elective) 48 weeks.  
Harmony, 2 lessons per week, 48 weeks.  
History of Music, 2 lessons per week, 24 weeks.  
Public School Music Class, 2 lessons per week, 36 weeks.  
Child study, or an elective study.  
Debating, 18 weeks.  
Songs, chorus and choir during the entire year.  
Special course in Public School Music during summer term.  
Practice with instrument, 1 to 3 hours daily.  
Appearance on program and attendance at all recitals.

#### **Department of Voice.**

#### **PREPARATORY COURSE.**

**Voice, 2 lessons per week, 1 to 2 years.**  
Harmony, 2 lessons per week, 1 year.  
Choir and chorus practice, 1 year.  
Practice with instrument, 1 to 3 hours daily.



One elective study each term of twelve weeks.

Debating, 18 weeks.

Appearance on program and attendance at all recitals.

#### TEACHERS' CERTIFICATE COURSE.

**One year in addition to Preparatory Course.**

**Voice, 2 lessons per week.**

German, Italian or French. First year's work.

Harmony, 2 lessons per week, 48 weeks.

Counterpoint, 2 lessons per week, 24 weeks.

Composition, 1 lesson per week, 24 weeks.

Choir and chorus, 1 year.

History of Music, 2 lessons per week, 24 weeks.

One elective study each term of twelve weeks.

Debating, 18 weeks.

Practice with instrument, 1 to 3 hours daily.

Appearance on program and attendance at all recitals.

#### GRADUATE COURSE.

**One year in addition to Teachers' Certificate Course.**

**Voice, 2 lessons per week.**

German, Italian or French. Second year's work.

Harmony, 2 lessons per week, 48 weeks.

Counterpoint, 2 lessons per week, 24 weeks.

Composition, 1 lesson per week, 48 weeks.

History of Music, 2 lessons per week, 24 weeks.

One elective study each term of twelve weeks.

Debating, 18 weeks.

Practice with instrument, 1 to 3 hours daily.

Choir and chorus practice, 1 year.

Appearance on program and attendance at all recitals.

#### GOLD MEDAL COURSE.

**One year in addition to the Graduate Course.**

**Voice, 2 lessons per week.**

Choir and chorus, the entire year.

Italian.

Composition.

One elective study each term of twelve weeks.

Debating, 18 weeks.

Practice with instrument, 1 to 3 hours daily.

Appearance on program and attendance at all recitals.

**Department of Stringed Instruments.**

**Violin, Guitar, Banjo, Mandolin, Etc.**

The requirements in these departments in the various courses of study are the same as in the Department of Piano, excepting the use of the different instruments.

It must be remembered that no course of study can be completed without the required number of lessons for that particular year; that is, a course in Voice, Piano, Violin, Guitar, etc., could not be completed without taking two lessons per week during the entire year.

For further information address,

DEPARTMENT OF MUSIC, VALPARAISO UNIVERSITY,  
Valparaiso, Indiana.



## DEPARTMENT OF FINE ART.

The University offers a full course of instruction in Academic Drawing and Painting, which is divided into four sections, as follows:

I. **ELEMENTARY.**—Chiefly early charcoal practice from antique fragments in outline and general light-and-shade, together with practice from blocks and familiar objects.

II. **INTERMEDIATE.**—Same as Elementary, only more advanced, more important outlines. Still life in monochrome and color.

III. **ANTIQUE.**—Heads and figures from cast in full light and shade. Still life in color.

IV. **LIFE.**—Portrait and figure. Composition and landscape. Any medium. From time to time the best drawings in each department are retained and at the end of the month are put upon the wall and recorded as Honorable Mention of the author of the drawings.

**DIPLOMA.** The regular diploma of the University is conferred upon students who have held the rank of Life Students for one year. A final examination is required, based upon a group of works executed in the different departments. The work required:

**ANTIQUE.**—Shaded head. Full figure in outline.

**LIFE.**—Shaded head in charcoal.

Shaded figure in charcoal.

Head in oil, water color or pastel.

Figure in oil, water color or pastel.

**STILL LIFE.**—Two studies, oil, water color or pastel.

**NATURE.**—Landscape, oil, water color or pastel.

**COMPOSITION.**—Oil, water color or pastel.

**PERSPECTIVE.**—Drawing and examination.

**SKETCH CLASS.**—The students themselves maintain a sketch class, meeting every day, in which they pose their own models and use any medium desired.

HISTORY OF ART—*Five hours. Forty-eight weeks.*

This course consists of the study of the History of Architecture, the History of Sculpture and the History of Painting.

ELECTIVE STUDY—*Five hours. Forty-eight weeks.*

### Normal Art.

The object of the Normal Art is to qualify graduates to act as teachers of drawing, or supervisors of art education in public schools.

The normal course occupies eight terms of twelve weeks each, six hours each day.

Candidates must be graduates of an accredited high school or have equivalent attainment in order to receive Normal Certificate.

The work of the Normal Class consists of the following:

DRAWING.—Line and shadow, in charcoal, pencil, pen-and-ink, from casts, still life, and life.

PERSPECTIVE AND OBJECT DRAWING.—By class practice and memory sketches.

COLOR.—Water color, and chalks from still life, and nature.

*Mechanical Drawing, Lettering, Geometric Problems, Shop Drawings and Projections, Architectural Drawing, Design and Construction, Block Drawing, Still Life. Composition and Design; simple textile patterns, book covers, calendars, in light and dark, and in color; chalk modeling on blackboard, paper cutting and folding, basketry, weaving, book binding, clay modeling and pottery.*

HISTORY OF ARCHITECTURE—*Twelve weeks.*

HISTORY OF SCULPTURE—*Twelve weeks.*

HISTORY OF PAINTING—*Twelve weeks.*

PSYCHOLOGY—*Twelve weeks.*

PEDAGOGY—*Twelve weeks.*

HISTORY OF EDUCATION—*Twelve weeks.*

Every student in the Normal Art Department before graduation prepares sketches and outlines for school each year, commencing with the primary and continuing through high school. These



sketches are put in book form and are invaluable to the teacher and pupil.

### **China Painting and Design.**

The instruction in Ceramic Painting covers processes and materials, free hand and mechanical drawing, color, and the practical application of design to ceramics. All students entering the painting class must have a knowledge of design or take the special designing class with other work.

There are special classes in design as applied to Ceramic Art. The instruction in design includes the study of organic ornament, geometric and conventionalized, and the artistic use of colors.

### **EXPENSE.**

The Tuition in the regular Department of Fine Art is \$24.00 per term of twelve weeks, or \$80.00 for 48 weeks if paid in advance. This includes any work in the literary department of the University. By paying \$6.00 per term additional the student is entitled to two hours instruction in China Painting per day. Students not registered in the Department of Fine Art may avail themselves of the advantage of China Painting at the rate of \$12.00 per term for two hours each day.

## DEPARTMENT OF LAW.

*A special announcement of the Department of Law is issued annually. Those desiring further information concerning this department should address the University for the Annual Announcement.*

The Department of Law was instituted in 1879. Its history has been one of usefulness and success. It stands for sound legal education, complete utilization of time, and minimum expense. It aims to give a practical and thorough training in law to students who possess sufficient maturity, earnestness, and ability to sustain the demands of serious professional study. The instruction consists of the analysis and exposition of cases, the study of standard treatises, and a large amount of practice work. This method is designed to develop the power of legal reasoning and to give a practical knowledge of legal principles.

### THE SCHOOL YEAR.

The school year will open on Tuesday, September 16, 1913, and will close on Wednesday, June 17, 1914. Recitations will begin promptly on September 17th.

The year in the Department of Law consists of three terms. The Fall term comprises twelve weeks, the Winter term twelve weeks, and the Spring term sixteen weeks. The quarter system, which prevails in most of the other departments, does not apply to the Department of Law. Students should enter at the beginning of the Fall term, and will not be received after October 1 except for the most urgent reasons. The Summer term, in this Department, is outside the regular year. An intermission of two school days occurs between terms. There are no other vacations, and the only holidays are Thanksgiving day and Christmas day. A year at this school therefore signifies *forty weeks of uninterrupted study*. Realizing that a student's expenses are continuous, the University offers a day's instruction for practically every day spent in residence.

### TWO-YEAR COURSE.

The curriculum at present covers eighty weeks, with a total of more than 1200 hours of class-room work in required subjects and 300 hours in elective subjects. The same subjects, with a few



exceptions, are presented as in the three-year schools, and an equal or greater number of hours is devoted to each subject. The longer school year, the elimination of vacations, the careful and logical arrangement of the courses of study, the judicious combination of text and case study in the system of instruction, and the insistence that every student shall do good work, which are distinctive features of this Department, make it a *two-year school with a three-year standard*. Students from states where three years of law study are required can obtain in this Department the substantial equivalent of the work done in most three-year schools, with probably a greater amount of practical work, and have the additional advantage of spending the third year in a law office under an attorney, experiencing the actual problems of the profession. Every beginner needs this experience, and as a capable graduate may receive some compensation for his work, and in any event is not paying tuition during this third year, he not only makes a considerable saving of money but also gains in effect a year of life.

#### EQUIPMENT.

The Department now occupies a comfortable building with well appointed recitation and library rooms and offices for the instructors. A good working law library is maintained in the building and its use is free to law students from 9 A. M. to 9 P. M. Important additions have recently been made to the books, and further additions will be made during the year. The general library of the University is also open to law students without additional charge.

#### COURSES OF INSTRUCTION.

The work consists of thirty-two required courses in law subjects and six elective courses in academic subjects, as follows:

#### FIRST YEAR, 1913-1914.

##### Fall Term.

September 16, 1913, to December 6, 1913.

<i>Course.</i>	<i>Subject.</i>	<i>Hours.</i>
1a	Elementary Law, A (Private and Public Rights).....	25
1b	Elementary Law, B (Private and Public Wrongs).....	25
2a	Introduction to the Study of Law.....	10
3a	Contracts (begun) .....	60
4a	Torts (begun) .....	35
5a	Criminal Law (begun) .....	25
A	History of England*.....	60

**Winter Term.**

December 9, 1913, to February 28, 1914.

3a	Contracts (completed) .....	40
4a	Torts (completed) .....	45
5a	Criminal Law (completed) .....	10
5b-8a	Procedure I: Criminal Procedure.....	25
6a	Persons and Domestic Relations.....	25
2b	Legal Bibliography and Briefmaking.....	20
8b	Procedure II: Common-Law Pleading (begun).....	15
B	Constitutional History of England (elective).....	60
C	Public Speaking (elective).....	60

**Spring Term.**

March 3, 1914, to June 17, 1914.

3b-4b	Agency .....	65
8b	Procedure II: Common-Law Pleading (completed).....	30
9a	Equity Jurisprudence .....	65
8c-9b	Procedure III: Equity Pleading.....	30
7a	Bailments and Carriers.....	50
8d	Procedure IV: History of Code Pleading.....	20
D	Public Speaking (elective).....	60
E	Political Economy (elective).....	60

*\*Required unless credit is presented.***SECOND YEAR, 1913-1914.****Fall Term.**

September 16, 1913, to December 4, 1913.

<i>Course.</i>	<i>Subject.</i>	<i>Hours.</i>
7b	Property II: Real Property (begun).....	60
8c	Procedure V: Code Pleading.....	50
6b	Partnership .....	45
2c	University Moot Court.....	25
6c	Corporations (begun) .....	15
2d	Legal Ethics .....	10
F	Public Speaking (optional).....	60



**Winter Term.**

December 9, 1913, to February 26, 1914.

7b	Property II: Real Property (completed).....	25
8f	Procedure VI: Evidence.....	40
6c	Corporation (completed) .....	30
10	Constitutional Law (begun).....	35
3c	Sales .....	30
2e	University Circuit Court (February Term).....	20
G	Sociology (optional) .....	60

**Spring Term.**

March 3, 1914, to June 17, 1914.

10	Constitutional Law (completed).....	35
2e	University Circuit Court (March Term).....	20
7c	Property III: Wills and Administration.....	55
2f	Trial Practice .....	45
7d	Property IV: Abstracts and Conveyancing.....	45
3d	Bills, Notes, and Checks.....	40

**BOOKS REQUIRED FOR CLASS WORK.****First Year.**

Robinson's Elementary Law (1st ed.), Bowman's Questions, Exercises and Notes on Elementary Law, and Blackstone's Commentaries (any unabridged edition); Woodruff's Introduction to the Study of Law; Huffcut and Woodruff's American Cases on Contract (2d ed.), and Brantley's Law of Contract (2d ed.); Clark on Criminal Law (2d ed.), and Fisher's Cases on Criminal Law; Clark's Criminal Procedure; Burdick's Cases on Torts (3d ed.), and Burdick's Law of Torts (2d ed.); Tiffany on Persons and Domestic Relations (2d ed.); Martin's Civil Procedure at Common Law; "Brief Making and the Use of Law Books" (2ded. by Cooley); Huffcut's Cases on Agency, (2d ed.), and Huffcut on Agency, (2d ed.); Hutchins and Bunker's Cases on Equity Jurisprudence (2d ed.), and Eaton on Equity; Shipman's Equity Pleading; Hepburn's Historical Development of Code Pleading; Goddard's Cases on Bailments and Carriers, and Goddard's Outlines of Bailments and Carriers.

**Second Year.**

Reeves on Real Property (2 vols.); Gilmore's Cases on Partner-

ship; Bowman's Code Pleading, and Hinton's Cases on Code Pleading; Clark on Corporations (2d ed.), and Elliott's Cases on Corporations; McKelvey on Evidence (2d ed.); Boyd's Cases on Constitutional Law (2d ed.), and Cooley's Principles of Constitutional Law (3d ed.); Benjamin's Principles of Sales (2d ed.), and Ingler's Cases on Sales; Costigan's Cases on Wills, Descent, and Administration; Bigelow's Cases on Bills, Notes, and Cheques (2d ed.), and McMaster's Irregular and Regular Commercial Paper; Warvelle's Legal Ethics; Outlines for Practice in the University Circuit Court; Warvelle on Abstracts (3d ed.); Sunderland's Cases on Trial Practice.

#### NOTE.

All books above listed are essential. They are modern and standard, and most of them are necessary to the practitioner's library. Editions other than those named should be avoided.

A good law dictionary is indispensable. Anderson, Black (2d ed.), Kinney, or Stimson (new ed.) are recommended. Rawles' revision of Bouvier is excellent, although somewhat expensive. It is advisable, also, to obtain the latest compilation of statutes of the State where the student expects to practice, and to make constant use of it in his daily preparation.

#### REQUIREMENTS FOR ADMISSION.

Applicants are admitted as regular, special, and unclassified students. A serviceable knowledge of the common branches is a prerequisite in every case. Foreign-born applicants must be proficient in English.

**Regular Students.**—To be admitted to regular standing, applicants must also present upon entering a total of eighteen credits for work done in Algebra, Geometry, Latin or German, Physics, Chemistry, Botany or Zoology, Ancient History, Medieval and Modern History, and English History, or must take examinations to obtain such credits. A credit is equivalent to the work of five recitation hours per week for twelve weeks, as done in the academic departments of this University, or of a half-year's work in a subject as done in most high schools. Reasonable substitution of other high school subjects for those named will be permitted. No substitution, however, can be made for History, and some knowledge of Latin is required of all who present fewer than four credits in



German. Applicants who present convincing evidence of sufficient maturity and experience to warrant the belief that they are capable of doing exceptionally good work in law, may be allowed not to exceed three credits, in the discretion of the faculty, for practical training and experience. Credits on this ground, however, are provisional until the student has, by class-room work and written examinations, demonstrated his ability to do good work in law. To prevent delay and uncertainty in registration, applicants are requested to bring proper credentials from the schools in which they have received their preliminary training and to present them to the Dean at the time of applying for admission.

**Special Students.**—Applicants *not less than twenty-one years old* who cannot meet the foregoing requirements are admitted as special students, if the faculty are convinced that their previous training and experience will enable them successfully to pursue the work. Special students may take work in any other departments to remove their deficiencies, and will be advanced to regular standing if the required number of credits is obtained before entering the second year. Permission must be obtained, however, to take more than one subject a term besides law. Special students who make up the required credits in History and who maintain a standing in their law work five per cent. above the passing mark are eligible to graduation. This provision must not be understood to indicate a disposition on the part of the Department to be lax in the enforcement of its entrance requirements, and the right is reserved to cancel the registration of all students who do poor work. Yet it is recognized that in many instances training received outside of school has genuine educative value as a preparation for the study and practice of law. It is therefore the policy of the Department to invite and encourage the attendance of students of uncommon ability, who by reason of maturity and experience are *really qualified to do the work of the law courses*, even though their previous school training has been limited. Many such students have done excellent work in the Department, and are today occupying high and honorable places in the profession. To such the Department continues to offer exceptional advantages.

Persons who are lacking in preliminary education are invited to consider the Preparatory Courses described on a later page. The subjects given are in all cases advantageous, and in many states their completion is necessary to comply with the requirements of the bar examiners.

**Unclassified Students.**—Applicants who are not entitled to regular or special standing, or who desire to take only a part of the work, are admitted as unclassified students, *not candidates for a degree.*

**Advanced Standing.**—To be admitted to the second year as a candidate for graduation in June, the applicant must have satisfactorily completed at this school the work of the first year; or must satisfy the preliminary requirements for admission, as above stated, and present a proper certificate that he has accomplished at another school work equivalent to that of the first year; or must satisfy the preliminary requirements, as above, and pass satisfactory examinations on the work of the first year.

#### REQUIREMENTS FOR GRADUATION.

The candidate for the degree of Bachelor of Laws (LL. B.) must be of good moral character and must satisfactorily complete all the required courses of instruction. Examinations are given at the end of each term upon the subjects covered during that term. In estimating grades, examinations, recitations and attendance are considered. The minimum passing mark is 80%. A mark of from 70% to 79% in any subject gives the student a condition in that subject. Grades are indicated as follows: M, merit; P, passed; C, conditioned; F, failed. C in more than 100 hours of work in either year impairs regular standing. F subjects must be taken over. A student who lacks sufficient credits to entitle him to graduate with his class in June may be given his diploma when he has completed all the required courses.

Credits are accepted from other law schools where the admission requirements and the character of the work are equivalent to those of this Department. To receive the degree, every student admitted to advanced standing must have attended this University not less than approximately forty weeks and must have taken not less than 550 hours of work.

The work of the law courses is based upon a net period of eighty weeks of resident study, instead of two or three years of about thirty weeks each after vacations are deducted, as in many other schools. *No encouragement can be given to beginning students who desire to obtain the degree in less than the required time.*

#### PREPARATORY COURSES.

Courses in preliminary subjects are arranged for each applicant



so as to meet his individual needs. They include the common branches, instruction in English for students from foreign countries, the eighteen credits necessary for regular standing, and all other academic subjects required by the bar examination rules of any State. Persons whose general education is deficient are advised to enter these courses a sufficient time in advance of the Fall term to make up all arrears and gain regular standing before undertaking the study of law.

Classes in common school and high school subjects are formed every term. Hence those who desire such subjects will find suitable classes at any time they may enter. The students in these classes are much more mature and earnest than pupils in common schools and high schools, and are able to complete the work in about half the time required in such schools. Students preparing for the study of law, therefore, may proceed as rapidly as their capabilities permit.

Many States now require the completion of a high school course or its equivalent as a preparation for admission to practice law. The preparatory courses provide an effective means of complying with these requirements. By writing to the Dean of the Department, any applicant may obtain information as to the requirements of the State where he expects to practice.

#### METHOD OF INSTRUCTION.

The instruction consists of the daily discussion of cases and texts, occasional lectures by the faculty and members of the bar, practical exercises in the use of authorities, the drafting of legal papers, and practice in the University Moot Court and the University Circuit Court. Participation in the work of the courts is required of all regular second-year students. In the University Moot Court questions of substantive law and points of procedure are argued orally and by written briefs before a member of the faculty sitting as judge. Credit in this course is given on the basis of excellence of argument, skill shown in finding authorities, and attendance. The University Circuit Court is organized in all respects, so far as possible, like the authoritative tribunals of the country. It is presided over by an instructor of wide experience on the bench, and members of the class perform the duties of the various officers and act as counsel. Process is issued under the seal of the court, pleadings and other court papers are filed, a full legal record of proceedings is kept, cases are contested from their incipency to

final judgment, and the necessary steps are taken to carry them to the courts of appellate jurisdiction. *Special attention is given to familiarizing the student with the practice of law.*

#### FEES AND EXPENSES.

The tuition fee is \$65 for the year of forty weeks, paid in advance; or \$24 each for the Fall and Winter terms, and \$32 for the Spring term. No deduction is made on account of entering late or leaving early where credits are desired for the year's work. When a student who has paid in advance is obliged to leave, term rates for the instruction received, including the term then in progress, are retained and the balance is refunded. Payment of the tuition fee entitles the student, without additional expense, to the use of the libraries and instruction in any other department except Medicine, Pharmacy, and Dentistry. It is never advisable, however, to take more than one subject besides law. A moderate charge is made for private lessons in oratory, music, art, and penmanship.

Board and furnished room cost from \$20.40 to \$36 for a term of twelve weeks,—a rate of from \$1.70 to \$3.00 a week. Tuition, board, and furnished room for forty weeks may be had for \$133.

The diploma fee is \$5. Certificates of admission to the various courts cost \$5.

For additional information in regard to expense, consult "Expenses" in this catalog.

#### EXERCISES.

The Baccalaureate address occurs on Sunday, Senior Class Exercises on Monday, Reunion of the Alumni on Tuesday, and Commencement on Wednesday of the closing week of the Law year in June.

#### SUMMER TERM.

The summer term begins the Tuesday following Commencement, and continues eight weeks. The work of this term is offered to meet the needs principally of persons who desire an opportunity of reviewing and grounding themselves in the law, of students who have back work to make up, of persons who desire some knowledge of legal principles for business purposes, of any who seek a definite idea of law in contemplation of future study, and of those preparing



for bar examinations. While full credits for the work of this term are not ordinarily given, yet by registering with the Dean specially for the purpose and by satisfying their instructors of their proficiency, students are permitted to count this work toward their diplomas.

For further information, address,

DEPARTMENT OF LAW, VALPARAISO UNIVERSITY,  
Valparaiso, Ind.

## DEPARTMENT OF PHARMACY

*A special announcement of the Department of Pharmacy is issued annually. Those desiring further information concerning this department should address the University for the Annual Announcement.*

The Department of Pharmacy graduated its first class in 1893. Every branch of pharmacy is taught in this department. The department prepares for the duties of the pharmacist, and, at the same time, provides an excellent preparation for the study of medicine and dentistry, or for many other scientific and professional vocations. It also qualifies for analytical work in manufacturing establishments, either for the purity of materials used in manufacturing or in testing the products of the various industries.

### EQUIPMENT.

The Department of Pharmacy is located in one of the latest buildings of the University. The building is a three-story structure, 60x120 feet. The walls are constructed of Bedford stone and pressed brick with lining throughout of builders' terra cotta. This building is provided with all modern conveniences; is well lighted and ventilated. The total floor space is 21,600 square feet. In all, there are eight separate laboratories in which the different kinds of laboratory work in pharmacy are done. Each laboratory is supplied with such modern apparatus as is required for the particular kind of work to be done. The laboratories have a capacity for twelve hundred different students daily, the apparatus of each student at no time being used by another. The facilities and equipment of the Department of Pharmacy are entirely adequate.

### COURSES OF INSTRUCTION.

Three courses of instruction are offered in the Department of Pharmacy. These are known as the *Graduate in Pharmacy* or *Ph. G. Course*, *Pharmaceutical Chemist* or *Ph. C. Course*, and *Post-Graduate Course*.

The *Graduate in Pharmacy Course* comprises two years of nine months each. Each year is divided into three terms of twelve weeks each, with an interim of three months between Junior and Senior years.



This is the most popular course in the Department of Pharmacy because it is one designed to prepare the student for the duties of the retail pharmacist.

While this course is not planned especially for the purpose of fitting students for examination, those who complete it should be able to pass any state board, and are qualified to fill responsible positions.

The curriculum is so arranged that the subjects pursued will prepare the student for all the studies to be taken up in the succeeding terms, thus preserving logical sequence in the order in which the different subjects in the course in Pharmacy are presented. It is also arranged in conformity to the outline given in the Pharmaceutical Syllabus. However, in every instance there is offered and required a greater number of hours than indicated in the outline given by the National Committee. To a very limited extent students may elect certain branches in other departments of the University in place of the branches in the curriculum. They also have the privilege of taking additional work without extra charge, with the exception of private instruction in music, etc.

#### SUCCESSION OF STUDIES.

##### Junior Year.

*First Term.*—Inorganic Chemistry, Experimental Chemistry, Arithmetical Chemistry, Botany I, Botany Laboratory, Elementary Latin.

*Second Term.*—Inorganic Chemistry II, Arithmetical Chemistry, Analytical Chemistry I, Botany II, Botany Laboratory, Pharmaceutical Latin.

*Third Term.*—Inorganic Chemistry III, Analytical Chemistry II, Physiology, Physiology Laboratory, Pharmaceutical Physics, Physics Laboratory, Commercial Pharmacy.

##### Senior Year.

*First Term.*—Inorganic Chemistry IV, Volumetric Analysis, Theoretical Pharmacy I, Operative Pharmacy I, Materia Medica and Pharmacognosy I, Arithmetical Pharmacy.

*Second Term.*—Organic Chemistry I, Physiological Chemistry, Theoretical Pharmacy II, Operative Pharmacy II, Materia Medica and Pharmacognosy II, Histological Pharmacognosy, Mineralogy.

*Third Term.*—Organic Chemistry II, Alkaloidal Analysis, Theoretical Pharmacy III, Materia Medica III, Dispensing, Commercial Pharmacy II, Bandaging and First Aid, Therapeutics and Toxicology, Pharmaceutical Jurisprudence.

**The Pharmaceutical Chemist Course** comprises two years of forty-eight weeks each, or ninety-six weeks. Since the demand for pharmacists of broad professional attainments is increasing with each passing year, this course has been arranged to furnish a more thorough training than could possibly be given in the Ph. G. course of seventy-two weeks. Graduates of this course are exceptionally well prepared for all kinds of pharmaceutical, and general chemical work. They are especially qualified for the different phases of analytical chemistry which will enable them to fill positions in pharmaceutical laboratories, food laboratories, and in various manufacturing establishments. On the other hand they have obtained, either one of the best foundations possible for a study of medicine, or the educational qualifications necessary to make them sought after as teachers of chemistry.

#### SUCCESSION OF STUDIES.

##### **Junior Year.**

*First Term.* Inorganic Chemistry, Experimental Chemistry, Arithmetical Chemistry, Botany I, Botany Laboratory, Elementary Latin, German.

*Second Term.* Inorganic Chemistry II, Arithmetical Chemistry, Analytical Chemistry I, Botany II, Botany Laboratory, Pharmaceutical Latin, German.

*Third Term.* Inorganic Chemistry III, Analytical Chemistry II, Physiology, Physiology Laboratory, Pharmaceutical Physics, Physics Laboratory, Commercial Pharmacy.

*Fourth Term.* Inorganic Chemistry IV, Industrial Chemistry, Volumetric Analysis, Water Analysis, Bacteriology, Bacteriology Laboratory, German.

##### **Senior Year.**

*First Term.* Advanced Analysis (including Gas, Ore and Cement, and Iron and Steel), Theoretical Pharmacy I, Operative Pharmacy I, Materia Medica and Pharmacognosy I, Arithmetical Pharmacy, German.



*Second Term.* Organic Chemistry I, Physiological Chemistry, Theoretical Pharmacy II, Operative Pharmacy II, Materia Medica and Pharmacognosy II, Histological Pharmacognosy, Mineralogy and Blowpipe Analysis.

*Third Term.* Organic Chemistry II, Alkaloidal Analysis, Theoretical Pharmacy III, Materia Medica III, Dispensing, Commercial Pharmacy II, Bandaging and First Aid, Therapeutics and Toxicology, Pharmaceutical Jurisprudence.

*Fourth Term.* Synthetic Organics, Foods and Food Analysis, Pharmacopoeial Assay, Microscopy, Thesis.

**The Post-Graduate Course** comprises one year, of nine months. This course is made up of work from both the other courses, selected to meet the needs of each individual student. This does not imply that the student is to have less than a complete program for each day. He must select, or have selected for him as many hours work per day as are required of the regular pharmacy student.

This makes an excellent review for those who have been out of touch with school work for a time. Because of the fact that selection of subjects is made with regard to the needs of the student, it makes this course preparatory to board examinations. Non-registered pharmacists may avail themselves of this special course for reviewing those particular subjects in which they have developed least strength, and they may enter any term in the year.

#### THE GRADUATE COURSE IN PHARMACY BY HOURS.

Branches.	Lectures and Recitations.	Laboratory.
	Number of Hours.	Number of Hours.
Chemistry—Inorganic .....	312	.....
Chemistry—Experimental .....	.....	60
Chemistry—Analytical .....	.....	.....
(Qualitative and Quantitative)....	.....	300
Chemistry—Organic .....	120	.....
Chemistry—Physiological .....	.....	60
Chemistry—Alkaloidal Analysis .....	.....	60
Botany .....	120	.....
Botany Laboratory .....	.....	120
Histological Pharmacognosy .....	.....	40
Pharmaceutical Physics .....	60	.....
Physics, Laboratory .....	.....	60

Pharmacy—Theoretical .....	216	.....
Pharmacy—Operative .....		240
Dispensing .....		120
Materia Medica .....	120	.....
Pharmacognosy .....		60
Physiology .....	60	.....
Physiology Laboratory .....		36
Mineralogy .....	30	.....
Latin .....	120	.....
Therapeutics and Toxicology .....	24	.....
Commercial Pharmacy .....	85	.....
Bandaging and First Aid .....	24	.....
Pharmaceutical Jurisprudence .....	12	.....
Total.....		1,303
		1,156

In addition to the above the Pharmaceutical Chemist Course presents:

Industrial Chemistry .....	36	.....
Water Analysis .....		60
Bacteriology .....	60	.....
Bacteriology Laboratory .....		60
German .....	240	.....
Gas Analysis .....		
Ore and Cement Analysis .....		120
Iron and Steel .....		
Blowpipe Analysis .....		30
Synthetic Organic Chemistry .....		120
Foods and Food Analysis .....		240
Pharmacopoeial Assaying .....		60
Microscopy .....		60
Total.....		1,629
		1,906

#### THE FACULTY.

The Faculty consists of men of scientific attainment as well as having a wide range of experience in practical pharmacy. A number of members of the Faculty are either interested in a retail pharmacy establishment or have been at some former time. This assures those who attend this school of pharmacy that the practical side of their profession will not be overlooked.



The University is usually able to obtain situations for all graduates who do not find positions without its assistance.

#### ADVANTAGES.

The Department of Pharmacy, being located in a small city, is free from the influences which detract from a close attention to study upon the part of the student. Thus more can be accomplished in the same time than is accomplished where the student's time is divided between school work and outside employment and diversions.

It is not considered desirable for students to find employment in stores for any part of their time while pursuing the course.

The practical side of pharmacy is in no way underrated by the Department of Pharmacy, but it is to the student's best interest to give his undivided attention to his studies while taking the course. Certainly not more than one-half as much can be learned in a school of pharmacy where the time is equally divided between school work and store practice.

It must be understood that here instruction is given five days in the week throughout the entire nine months.

The living expenses in a small city are much lower than in a large city. This makes it possible to take the complete course at much less expense than would be incurred when taken in institutions differently situated. Students may enter at the beginning of any term, but it is earnestly recommended that in so far as possible entrance be made at the beginning of the school year in September.

#### REQUIREMENTS FOR ADMISSION.

The educational requirement for admission to the Graduate in Pharmacy Course is a certificate of having completed at least two years of a recognized high school course, or the equivalent determined by examination. Applicants for admission not able to meet the requirements may enter the Course under conditions. These conditions must be removed before entering upon the Senior year. The applicant must have had one full year in an accredited high school or equivalent attainment after having had the full eight years of grade work or the equivalent. Advantage is offered during the pharmacy year of selecting from other departments those subjects required without extra tuition. Also the added advantage is offered of the entire summer term interim between Junior and Senior years during which the student may remove any remaining conditions. The regular tuition of \$20.00 is charged for this extra term.

For the Pharmaceutical Chemist Course a certificate of graduation from a recognized high school offering a four years' course, is required, or the equivalent as shown by properly certified credentials.

For the Post-Graduate Course only those may enter as candidates for a degree who have had a Ph. G. course in this or some other recognized school of pharmacy.

For purposes of review work not leading to a degree, anyone may enter.

All applicants for admission to any of the courses must be of good moral character, and at least seventeen years of age.

Credentials must be presented at the time of entrance.

#### REQUIREMENTS FOR GRADUATION.

Candidates for graduation must have met the admission requirements, and must have completed all the subjects designated in the course of study with a mark of at least 80%, and with a record of attendance not falling below 80%. Examinations are given at the end of each twelve weeks upon the subjects covered during that term. There are also final examinations in Chemistry, Materia Medica, and Pharmacy which are obligatory, 80% being the minimum passing mark.

Credits will be accepted from other institutions where the admission requirements and the character of the work are equivalent to that offered by this Institution. Anyone who receives a degree in any of the courses in pharmacy must have attended the full Senior year in this University.

The degree of Graduate in Pharmacy will be given to those completing the seventy-two weeks course and also to those completing the thirty-six weeks Post-Graduate Course who were eligible for entrance for a degree.

The degree of Pharmaceutical Chemist will be given to those completing the ninety-six weeks course.

#### FEES AND EXPENSES.

The University fees are payable each term in advance. Those who pay for the entire year are given a liberal reduction. The expenses in detail are as follows:

General Tuition, each term, 12 weeks.....	\$20.00
Tuition for Junior and Senior Years, Ph. G. Course, six terms, if paid in advance.....	100.00



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Tuition for Junior or Senior year, three terms, if paid in advance .....	55.00
Experimental Chemical Laboratory fee, one term.....	2.50
Analytical Chemical Laboratory fee, two terms, each.....	4.00
Physical Laboratory fee, one term.....	2.50
Pharmaceutical Laboratory fee, two terms, each.....	6.00
Dispensing Laboratory fee, one term.....	7.00
Physiological Laboratory fee, one term.....	1.00
Botanical Laboratory fee, two terms, each.....	1.50
Physiological Chemical Laboratory fee, one term.....	2.50
Volumetric Chemical Laboratory fee, one term.....	3.50
Mineralogy fee, one term.....	1.50
Alkaloidal Chemical Laboratory fee, one term.....	3.50
Histological Laboratory fee, one term.....	1.00
Tuition for Junior and Senior Years, Ph. C. Course, eight terms, if paid in advance.....	130.00
Bacteriological Laboratory fee, one term.....	2.50
Water Analysis fee, one term.....	2.50
Advanced Analysis (Gas, Ore and Iron) fee, one term.....	4.00
Synthetic Organics fee, one term.....	7.50
Food Analysis fee, one term.....	12.00
Pharmacopoeial Assaying fee, one term.....	3.50
Microscopy fee, one term.....	2.00

In case a student takes advantage of the liberal reduction mentioned above and later decides to withdraw from the University, all fees are returned excepting for the preceding and current term. It is to be understood that regular term rates are charged for this time in school including that term in which he withdraws. Thus no one is obliged to continue work in this Institution if he is dissatisfied.

Students who enter upon any course in Pharmacy have the privilege of taking other studies in the University without additional cost. There are always many students each year who avail themselves of this opportunity to improve themselves in some special branch.

For further information address,

DEPARTMENT OF PHARMACY, VALPARAISO UNIVERSITY,  
Valparaiso, Ind.

## DEPARTMENT OF MEDICINE

*A special announcement of the Department of Medicine is issued annually. Those desiring further information concerning this department should address the University for the Annual Announcement.*

The Department of Medicine was established by the University in 1901. Great care was taken in the organization of the department with the end in view of maintaining a high standard of medical education. One of the difficulties to overcome in the establishment of this department was to have the necessary advantage of clinical material for teaching. The University being situated so near Chicago, it was decided to locate the clinical department there, where clinical material is always available and where physicians who are devoting their life work to some special branch of medicine might be secured as teachers. To this end the University purchased the building and equipment now known as the property of the Chicago College of Medicine and Surgery.

The government of the Department of Medicine is vested in a Board of Directors. The board is responsible for the financial conduct of the Department, and, with a committee from the Faculty, is responsible for its educational interests and the discipline of the students.

The curriculum is so arranged that students in the Department of Medicine may complete the Freshman and Sophomore years by doing resident work at Valparaiso, and the Junior and Senior years in Chicago, or the full four years' course may be taken in Chicago, thus accommodating those who may from choice prefer living in a large city.

Owing to the fact that all students of the Department of Medicine are required to finish the course in Chicago, this department operates under the laws of the state of Illinois and complies with all the requirements of the Illinois State Board of Health concerning registration and graduation of students.

### BUILDINGS AND EQUIPMENT.

The buildings for teaching medicine are located in Valparaiso and Chicago. All are modern and are equipped with the latest apparatus and appliances for instruction in the various medical branches.



The new medical building at Valparaiso is fully equipped for the presentation of the subjects required in the Freshman and Sophomore years in Medicine and Surgery. The building contains, on the first floor, the biological laboratory and the laboratory for physiology, the supply rooms for these laboratories, and in addition, private rooms for the instructors. Both laboratories are well equipped with all the improved apparatus needed in this work. On the second floor are located the histological, pathological and bacteriological laboratories, fully equipped with microscopes of approved types, apparatus, sterilizers, incubators, microtomes, and everything needful to the best methods of study as applied to these subjects. The main lecture room is found on this floor. A lantern with opaque attachment and projection microscope, is used to illustrate lectures and recitations. Between the laboratories and lecture rooms are private rooms and offices of the instructors. The third floor contains a large, well-lighted and ventilated dissecting room, the bone room, private rooms and recitation rooms. The building is steam-heated and lighted by electricity.

This department secures an abundance of material for human dissection through the state anatomical association.

In Science Hall, adjoining the Medical building are the lecture rooms in chemistry, pharmacy, and materia medica. This building contains the chemical, pharmaceutical and materia medica laboratories, also the special laboratory for work in physiological chemistry, toxicology, and urinary analysis.

The Department buildings in Chicago are located on Lincoln street, directly opposite and west of the Cook County Hospital. The location is in the midst of the greatest hospital and medical district in the United States.

The main Medical Building and Free Dispensary is a well-lighted, steam-heated, four-story and basement structure, with a frontage of 100 feet on Lincoln street. There are in this building two large amphitheaters seated with modern opera chairs, two recitation rooms, a pathological laboratory, histological laboratory, bone laboratory, clinical laboratory, retiring rooms for both ladies and gentlemen, and numerous clinic rooms. Students are provided with either wood or steel lockers for their individual use. These are located in the basement floor of the building and are sufficient in number to accommodate all students of the Department. The main building which is used exclusively for teaching purposes, has a total floor space of about 30,000 square feet.

## HOSPITALS.

*The Frances Willard Hospital* adjoins the main building on the south and is connected with the lower amphitheater of the Department by a steel corridor across the alley. This is, without doubt, one of the most complete and beautiful hospitals in the United States. It is built of Roman, raindrop, pressed brick with stone trimmings and cost nearly \$100,000.

In this hospital there is an amphitheater for use of the University students in the department of Surgery. There is also in this hospital one of the best equipped X-ray laboratories in the West. This hospital is an indispensable aid in the clinical teaching of the Department and extends to students of the Department of Medicine many privileges and courtesies which are appreciated by all who are in the Junior and Senior courses. The attending staff of this hospital is composed mainly of members of the Faculty of the Department of Medicine. This insures a great deal of clinical instruction to students.

*The Cook County Hospital* is situated directly opposite the Department of Medicine. This is one of the best equipped hospitals in the country. It has medical, surgical and obstetrical wards, also a clinical amphitheater with a seating capacity of six hundred. The detention hospital and the hospital for contagious diseases are adjacent to the Cook County Hospital. Clinical lectures are delivered each week in this hospital, embracing surgery, practical medicine, gynecology, ophthalmology and otology. It can be easily understood that a hospital having a daily average of between seven and eight hundred patients affords an excellent opportunity for the study of not only general diseases, but rare and interesting cases. The majority of accident and other surgical cases are taken directly to such an institution.

Autopsies with lectures and demonstrations are held every Wednesday at 8 o'clock a. m. by the pathologist.

Several members of the Faculty of the Department of Medicine are on the attending staff of the Cook County Hospital.

## COURSES OF INSTRUCTION.

The University offers the regular course in medicine leading to the Degree of Doctor of Medicine, comprising eight months' work each year of four years. The complete course is so arranged that the more elementary and fundamental subjects are presented first and the more advanced later and in logical order. The arrange-



ment of the subjects in the four years is as follows, the Faculty reserving the right to change this schedule whenever it appears advisable:

*Freshman Year.*

Anatomy, Histology, Physiology, Medical Chemistry, Materia Medica, Pharmacy.

*Sophomore Year.*

Anatomy, Pathology, Bacteriology, Materia Medica and Therapeutics, Chemistry, Minor Surgery, Embryology, Physical Diagnosis.

*Junior Year.*

Medicine, Surgery, Toxicology, Therapeutics, Pediatrics, Neurology, Genito-Urinary Diseases and Gynecology, Obstetrics, Pathology, Dietetics.

*Senior Year.*

Medicine, Surgery, Toxicology, Gynecology, Obstetrics, Ophthalmology and Otolaryngology, Dermatology and Venereal Diseases, Therapeutics, Clinical Pathology, Pediatrics, Diseases of the Chest, Throat and Nose, Neurology, Medical Jurisprudence, Dental Surgery, Hygiene and Sanitary Science.

### COMBINED COLLEGIATE AND MEDICAL COURSE.

The University has now provided a combined course where both a literary and medical degree may be obtained upon the completion of a six-year course. Those who can afford it will find this course to be advantageous inasmuch as there is not only prestige in the possession of a literary degree, but a sharpening of the intellect is acquired in pursuing literary branches, which enables one to profit more in the pursuit of medical branches. Medicine, properly considered, is one of the learned professions. One of the elements of a successful physician of today is to show evidence of culture and refinement in connection with his knowledge of medical science. A literary course develops along this line.

For these reasons, many high grade medical schools urge, and some require, a collegiate course preliminary to the study of medicine. However, the requirements of four years of college study preliminary to the study of medicine often becomes a hardship on students and many cannot afford it. Therefore, this University does not require such an extensive course as a prerequisite, but strongly urges all students who can afford it to take advantage of the combined literary and medical course.

This course covers a period of six college years. The first two years are spent in the literary department of the University, at the end of which students may matriculate in the Department of Medicine and continue for four college years thereafter. The first two years of the medical course, with the exception of one or two branches, are counted as the last two years of the literary course. By attending the summer term in the literary department, the time from beginning to completion may be shortened. Considerable latitude is allowed in the selection of branches from the literary course. However, a minimum of 2,000 hours is required in literary branches. Further information may be obtained concerning this course upon application.

The fees for the combined course for the full six years are \$500.00.

#### THE FACULTY.

The Faculty consists of men not only of ability to teach the various branches which have been assigned to them, but who have achieved reputation as instructors and practitioners of the branches they teach.

If there is one thing above another which distinguishes this Institution from others it is in the teaching ability of its Faculty.

#### CLINICAL ADVANTAGES.

The clinical advantages of this Institution are known to all graduates of the Department of Medicine. This is one of the features in which the University can give the most satisfactory instruction. The high standing of the instructors and their connection with the numerous hospitals of the city are factors in securing for the Department of Medicine the increased clinical facilities which it possesses.

There is no free dispensary in any medical school that receives more attention than the dispensary of the Department of Medicine. Students are given the opportunity of seeing and examining for themselves a large number of clinic patients each year. Graduates of other schools frequently come to this Institution for another year on account of the clinical facilities.

#### REQUIREMENTS FOR ADMISSION.

An applicant for admission to the Department of Medicine must fulfill the following requirements:



*First*—He must present creditable certificates of good moral character, signed by two physicians of good standing in the state in which he last resided.

*Second*—He must present credentials showing that he is a graduate of an approved high school, academy, college, normal school, or university, or,

He must show evidence of having passed the entrance examination into a college or university whose entrance requirements are equivalent to graduation from an approved high school; or,

He must present a certificate showing that he has passed the examination for entrance into a recognized medical college whose entrance requirements are equivalent to the requirements of the Department of Medicine of Valparaiso University; or,

He must present documentary evidence, signed by the principal of a regularly organized high school, or by the examiner of a recognized literary or scientific college or university, or by the State Superintendent of Public Instruction, or a Superintendent of Public Schools, of having successfully passed an examination in all the several branches embraced in the curriculum of a four years' high school course.

*Third*—Candidates who can not present the required credentials must pass an examination in the following subjects: English Grammar, Rhetoric, Physics, History, Geography, Algebra, Geometry, Latin, German or French, Botany, Zoology and Chemistry. Beginning Sept. 16, 1913, an additional year in Chemistry, Physics, Biology and German or French will be required.

A candidate who fails to pass this examination in not more than three branches, may be entered conditionally, the condition being that he must successfully pass an examination in the subjects in which he has failed, before being admitted to the Sophomore year.

Those who are not prepared to pass the entrance examination should address the University for information as to what course to pursue. The literary department of the University offers a course well adapted for the purpose of preparing those who are not qualified to enter the Department of Medicine.

Nearly all State Boards of Health now require that a candidate for registration to practice medicine must present documentary evidence of his preliminary education together with his medical diploma for eligibility to take the examination.

The University reserves the right to increase these entrance re-

quirements to conform to new requirements that the various State Boards of Health may make from time to time.

#### REQUIREMENTS FOR GRADUATION.

The candidate for the Degree of Doctor of Medicine must be twenty-one years of age and of good moral character. His conduct during his connection with the University will also be taken into consideration.

He must have pursued the study of medicine for at least four years of eight months each.

He must have attended four full courses of lectures at some reputable college, no two having been delivered during the same calendar year. The last two must be at this University.

He must have pursued the study of practical anatomy during two years under the direction of a demonstrator and to the extent of having dissected at least a lateral half of the body.

He must have received clinical instruction during two college years.

He must have completed all the laboratory courses.

He must have passed satisfactory examinations in all the required branches of the curriculum.

He must have paid all required University fees.

He must furnish the Secretary with satisfactory evidence of having complied with the above requirements.

#### FEES AND EXPENSES.

Each student is required upon registering to pay a matriculation fee of \$5.00. This is payable but once during the entire course of four years.

A liberal reduction will be made for the payment of fees in advance for a period of more than one year, but all fees thus advanced will be refunded except for the current year. Thus, no one is obliged to remain in the Department of Medicine longer than one year unless he is entirely satisfied.

The fees are exceptionally low, considering the high standing of the Institution and the excellence of the work. No medical school in this country, whether State or private, offers the same class of instruction at less expense.

Those who may need some assistance to defray a part or all of the expenses incurred while attending the course in medicine should state their needs when applying for admission.



## EXPENSES.

**Freshman Year.**

Matriculation Fee .....	\$ 5.00
Tuition .....	100.00
Chemical Laboratory Fee .....	5.00
Histology Laboratory Fee .....	5.00
Dissecting Fee .....	5.00

**Sophomore Year.**

Tuition .....	\$100.00
Dissecting Fee .....	5.00
Pathological Laboratory Fee .....	5.00
Physiological Chemistry Fee .....	3.00
Dispensing Laboratory Fee .....	3.00
Bacteriological Laboratory Fee .....	5.00

Book List Subject to Change: Anatomy—Cunningham, Piersol; Histology—Bailey, DeWitt, Piersol, Ferguson; Physiology—Howell; Chemistry—Holland; Materia Medica—Wilcox; Therapeutics—Butler, Potter; Pathology—Delafield and Prudden, MacFarland; Bacteriology—Jordan; Minor Surgery—Wharton; Physical Diagnosis—Butler, Slade; Embryology—Heisler, Bailey and Miller.

For further information, address,

DEPARTMENT OF MEDICINE, VALPARAISO UNIVERSITY,  
Valparaiso, Indiana.

## DEPARTMENT OF DENTISTRY

*A special announcement of the Department of Dentistry is issued annually. Those desiring further information concerning this department should address the University for the Annual Announcement.*

The Department of Dentistry has recently been added to the University. The requirements for dental educational equipment are so different from those of other schools that for many years this branch was omitted as a regular department.

One of the potent factors necessary for the teaching of dentistry is to be able to supply a sufficient quantity of clinical material. This can only be done in a large city of metropolitan character, from which this material can be obtained.

For several years the influence of the University has been toward the Chicago College of Dental Surgery, of Chicago. The relations between this college and the University have been such as to establish a natural affiliation which is to the advantage of both the College of Dentistry and the University.

The high standard of excellence for which this college is known throughout the world will be maintained and those who have been responsible for its success in the past will continue to direct the policy of the Department.

### BUILDINGS AND EQUIPMENT.

The Department of Dentistry occupies its own building at the corner of Harrison and Wood streets, in Chicago. The building is a five-story and basement structure of Bedford stone, pressed brick and terra cotta. Its location is ideal, standing in the center of the great medical and hospital district of Chicago. Students are thus, from the very beginning of their course, brought into close contact with not only the professional teachings of the Department of Dentistry, but the atmosphere of student life which permeates the entire locality. The building is heated from its own steam plant and lighted with electricity from its own power plant.

There are in this building two amphitheatres for general teaching purposes and a clinical amphitheater for teaching oral surgery. There are also numerous laboratories for teaching the science and art of dentistry.

A library is maintained by this Department as a separate and distinct feature of the Institution. The library is free to all students of the department. In this library are the leading medical and



dental journals and also many valuable text and reference books upon various subjects of dentistry. The library is in charge of an experienced librarian.

#### COURSES OF INSTRUCTION.

The regular opening of each college session is the first Wednesday in October of each calendar year.

Students must enter this Department at this time, or not later than ten days thereafter.

The complete course consists at present of three years of thirty-two weeks each. The curriculum is arranged as follows:

Freshman year: Dental Chemistry, General Anatomy, Dental Anatomy, Physiology, Materia Medica, Histology, Operative Prosthetics, Technics.

Junior year: Anatomy, Physiology, Chemistry, General Pathology and Bacteriology, Comparative Dental Anatomy, Crown and Bridge Work, Infirmary Practice, instruction in regulating appliances, Splints and all kinds of plate work.

Senior year: Oral Surgery, Therapeutics, Operative and Prosthetic Dentistry, Dental Pathology, Orthodontia, Physical Diagnosis, Dental Jurisprudence, and Clinics.

#### FACULTY.

Among the faculty of the Department of Dentistry are many men of national and international reputation as practitioners and dental educators. Some have achieved fame as authors of text books on the important branches of dentistry, while others have won for themselves the distinction of having excelled in some particular branch of dental surgery or dental art.

The graduates of this Department are found in almost every city throughout the world. The Institution has always taken pride in the fact that its alumni has in it so many prominent members that are now holding responsible positions in the profession.

#### REQUIREMENTS FOR ADMISSION.

The Department of Dentistry is one of the colleges which is recognized by the National Association of Dental College Faculties and adheres faithfully to the code of rules of this association concerning requirements for admission into dental colleges.

At present, the minimum requirement is a certificate of evidence that the applicant has completed the regular four years' course of a high school or the equivalent to this in a literary college or academy. Those who do not have a diploma or documentary evidence of having

completed a high school course may take an examination upon the subjects embraced in a high school curriculum.

Those who may be in doubt about the preliminary qualifications should write, stating the extent of the preparatory work completed. The University will then be able to inform you if further preparation is necessary.

#### REQUIREMENTS FOR GRADUATION.

The candidate for graduation must be twenty-one years of age and must possess a good moral character, including good deportment while attending the Department of Dentistry.

Students are required to attend before graduation three full courses of lectures, the last of which must be in this Institution. Every candidate must present for inspection practical operations performed by himself in the Department and give full evidence of his skill and ability in treating patients that may be submitted to him.

He must also stand an examination satisfactory to the Faculty in all the branches taught. The report of the attendance and practice of students in the infirmary will be considered and will have a material bearing upon the final standing and credits.

#### FEES AND EXPENSES.

The Department fees have, by agreement with most of the recognized colleges of dentistry, been fixed at the uniform fee of \$150.00 for the general tuition, including all laboratory fees.

The registration fee for each year has been fixed at \$5.00. Thus the fees in the Department of Dentistry are no higher than in any other college.

The fees need not necessarily all be paid in advance.

Living expenses in Chicago may be reduced considerably by taking advantage of boarding in clubs. Table board may be secured as low as \$2.50 per week. There are many places where room with board can be obtained at an expense of from \$3.00 to \$4.50 per week.

Those who desire to economize can find positions which they can fill without taking time from their college work and thus earn sufficient to pay for board and room. Those desiring some assistance to defray a part or all of their living expenses should confer with the college clerk upon arriving at the Institution.

For further information, address,

DEPARTMENT OF DENTISTRY, VALPARAISO UNIVERSITY,  
Valparaiso, Indiana.



## DEPARTMENT OF COMMERCE.

It has been the aim of this Department to give the greatest possible amount of practical knowledge in the shortest time and at the least expense.

In perfecting the Department, the advice of the best business men, from all of the large cities in the United States, has been obtained and as a consequence everything unnecessary has been eliminated, the useful only retained, so that now the University offers work in the Department of Commerce which can be accomplished in from fifteen to twenty-four weeks and which usually requires thirty to forty weeks in other institutions.

The work is conducted on the *Actual Business Plan*, which is everywhere admitted to be the nearest to real work.

Though the accommodations for this Department have from time to time been increased until now it occupies its large and commodious rooms, yet it has grown so rapidly that it is found necessary to open up another large hall, which is supplied with a complete line of offices. This gives the Department four sets of offices, and correspondingly increases facilities for thoroughness.

The common saying, "No matter if you have completed a Commercial course at college you will be obliged to learn it over before you can keep books," does not apply to the work here, as will be attested at any time by the most successful business men in all the large cities where graduates of the University are employed.

The Department is thoroughly equipped with a very extensive line of offices the value of which will be appreciated by every business man.

These different sets of offices represent different cities, and the work is transacted the same as it is in actual business, thus preparing the student to take a position in the bank or counting house or store of today, without further preparation, and to enter at once upon his duties. He has had the *practice* as well as the *theory*.

An idea of its completeness may be had by a brief outline of the work to be done. The student enters the elementary or theoretical course. Here he becomes familiar with making Day-Book and Journal entry, opening and closing the Ledger in both Single and Double Entry; with all forms of Inventories, Bills, Discounts, etc.; with the books and forms as used in Commission and Shipping,

Partnership, Banking, Steamboating and Railroadng, Commercial Arithmetic, Commercial Law, Commercial Correspondence, English Grammar and Debating.

After completing this work the student enters the Practical Course. Here he is furnished with *manuscript work*. All the work is inspected by the instructor in charge and nothing permitted to pass that is not *perfect in every respect*. In this course the student passes into the following offices, remaining long enough in each to become thoroughly acquainted with its actual work.

The work in each succeeding office logically fits into the work of the preceding office and advancement is as rapid as ability warrants.

#### REAL ESTATE OFFICE.

In this he buys and sells real estate; takes notes; makes out deeds and mortgages; closes mortgages; has the property sold, and performs all business connected with real estate.

#### INSURANCE OFFICE.

Here he organizes a company; insures property; pays losses; declares dividends; and enters in detail into the technicalities of the law governing such a company.

#### COMMISSION HOUSE.

Here he receives invoices, consignments and shipments; buys and sells on commission; makes statements, and performs all the duties as found in this house.

#### TRANSPORTATION AND SHIPPING OFFICE.

Here he makes out bills of lading; enters into contracts, and becomes responsible for goods shipped; delivers goods at foreign ports, etc.

#### JOBGING AND IMPORTING OFFICE.

Here merchandise is bought and sold for cash, on time, for notes, etc. The purchaser may fail; an invoice is taken; the store closed; the accounts settled at fifty cents on the dollar, etc.

#### MERCHANTS EMPORIUM.

Here all articles of trade are bought and sold, either in large or small quantities, the goods billed and entered in the proper books, drafts drawn or accepted, payments made, etc.



**RAILROAD OFFICE.**

Here Railroad Bookkeeping in all its forms is fully illustrated, from the organization of the company to the declaring of its dividends. From this to the freight office, thence to the Express Office, and then to the Postoffice, in each of which all of the business connected therewith is fully illustrated.

**BANK.**

Here one of the most complete Banking systems found at any commercial college is in use. There being four Banks, the settlements are made through the Clearing House which is conducted on the same plan as in large cities. This gives the student a thorough knowledge of exchange, and business principles.

Here the student performs consecutively the duties of Receiving and Paying Teller, Discount Clerk, Cashier, Bookkeeper and Collection Clerk; deals in Gold Certificates, U. S. Bonds, City Bonds, Foreign Exchange; discounts Commercial Paper; receives Drafts; and does a general Banking Business.

Upon entering the Practical Course a fee of \$5.00 is charged. This fee includes graduation.

**COMMERCIAL LAW.**

The work in this subject includes a thorough discussion of all principles of contracts, partnerships, agency, corporations, etc., in fact, all the law points with which a business man should be acquainted.

The student acts as Notary Public in preparing a budget of papers necessary for the appointment of guardians, executors, commissioners, for sale of real estate, partition of estates, etc. These papers are complete from the time of appointment to the closing or final report of the estate.

**BOOKKEEPING.**

The work in Bookkeeping also includes an examination of books and accounts with the view of detecting defalcations, errors or misapplication of funds; also the different plans of auditing and examining books. In fact, just such work is given as will prepare the student for a position as expert accountant.

**PENMANSHIP.**

A course in Plain and Business Penmanship is required in this department and is given without extra charge. This fact is men-

tioned because at so many commercial schools there is an extra tuition for this course.

It is confidently believed that to the young man or young woman desiring a complete Business Education, the advantages afforded by this Department are equal to those of any other institution and at a price not nearly so great.

The University being located so near Chicago, the best opportunities are afforded for securing, without delay, good paying positions for all who successfully complete the work of this Department.

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## DEPARTMENT OF SHORTHAND AND TYPEWRITING. SHORTHAND.

A course in Shorthand was established for the purpose of placing this valuable art within the reach of the masses, from whom it has long been kept by the enormous rates charged for tuition, board, etc. The value of a knowledge of shorthand is universally conceded and there is no longer any necessity to set forth the advantages of the art to any person of whatever profession or occupation. So important has shorthand become that it is now considered an indispensable part of a business education; and the young man or young woman who neglects the opportunity of thoroughly mastering shorthand will find himself distanced in the business world by those who did not fail to master the art in their younger days.

Any young man or woman who has patience, perseverance, a desire to learn and a determination to succeed, may become a good stenographer. There is no mystery about shorthand. It can be easily learned under the instruction of competent and experienced teachers. The teachers in charge of this Department have given many years of careful attention to the subject, both in teaching and as court reporters. So thorough and practical is the work that many of the large commercial and manufacturing industries of Chicago and other places have standing offers to take graduates of this Department.

A good English education is a prerequisite to a good and competent shorthand writer. He should be good in English grammar and rhetoric. The classes are so graded that students may enter at any time and those who have previously studied the art may continue without interruption from the point already attained.



The pupils receive instruction in dictation of all kinds and classes of business letters, such as railroading in all departments, dry goods, furniture, mail order houses, printing, hardware, insurance, real estate, law, manufacturing, etc.

The Department also makes a special course of study for those desiring to become shorthand teachers and court reporters. The teacher does not tell how it should be done, but does it himself, and this is a great incentive to the pupil. In about three terms one can become competent for a position in office work. For court reporting the pupil should devote four or five terms to shorthand and auxiliary studies.

#### TYPEWRITING.

The typewriter is one of the best means of teaching spelling, capitalization, punctuation, and composition. Moreover, so great is the demand for shorthand writers who can operate a typewriter that the boy or girl who learns both is possessed of a valuable trade or profession. Charles Reade, in his work on "The Coming Man," says:

"I advise parents to have all their boys and girls taught shorthand and typewriting. A shorthand writer who can typewrite his notes would be safer from poverty than a great Greek scholar."

Business men are daily more fully realizing the indispensable-ness of Phonography and Typewriting. So much is this the case that even with the increased facilities the school is unable to supply the demand for amanuenses.

When this work is taken in connection with the Commercial Course, which may be done without extra charge, one's opportunities for securing a position are greatly increased, as many business men who are not able to employ two persons, are able to employ one who can act both as bookkeeper and amanuensis.

Machines of the most recent pattern are used and always kept in excellent repair. The Touch System of Typewriting is taught.

There is no extra tuition in this department. At many institutions there are separate tuitions for the separate departments. HERE ONE TUITION pays not only for this department, but also for the Department of Commerce and all work in the literary department of the University. A fee of \$2.50 per term is charged for the use of the typewriter on which to practice. No other institution offers better advantages at as low rates.

Texts: Pitman's Revised Manual of Phonography; Dement's Reporter, and Dement's Universal Dictation Book.

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## COURSE EQUIVALENT TO THAT OF THE HIGH SCHOOL.

As there are great multitudes of young people who have not been situated where they could have high school advantages, or who, for some reason, have not been able to complete their high school course of study, the University through its charter is allowed by the State of Indiana to issue official certificates of high school equivalency.

The following courses are offered:

ALGEBRA—*Five hours. Forty-eight weeks.*

COMMERCIAL ARITHMETIC—*Five hours. Twelve weeks.*

PLANE AND SOLID GEOMETRY—*Five hours. Thirty-six weeks.*

COMPOSITION AND RHETORIC—*Five hours. Thirty-six weeks.*

ENGLISH LITERATURE—*Five hours. Thirty-six weeks.*

AMERICAN LITERATURE—*Five hours. Thirty-six weeks.*

LATIN OR GERMAN—*Five hours. One hundred forty-four weeks.*

ANCIENT HISTORY—*Five hours. Twenty-four weeks.*

MEDIEVAL AND MODERN HISTORY—*Five hours. Twenty-four weeks.*

BOTANY OR ZOOLOGY—*Five hours. Thirty-six weeks.*

PHYSICS OR CHEMISTRY—*Five hours. Thirty-six weeks.*

PHYSICAL GEOGRAPHY—*Five hours. Twenty-four weeks.*

CIVICS—*Five hours. Twelve weeks.*

VOCAL MUSIC—*Five hours.—Twelve weeks.*

DRAWING—*Five hours. Twelve weeks.*

These subjects are offered to meet the needs of persons who wish to become teachers, or enter professional schools or colleges, or who, for any cause, wish the advantages of a high school education.

Credits will be given for work already done in official high schools or other accredited schools.

Upon the satisfactory completion of the above courses a certificate of High School Equivalency is granted.



## DEPARTMENT OF PENMANSHIP.

The course in this Department embraces Plain Writing, Analysis, Blackboard Writing, Fancy Writing, Combinations, Card Writing, Flourishing and Lettering, Designing, Specimen Work, preparing Pen Work for Photograph-Engraving, etc. The work is in charge of a specialist, who gives his entire time to this Department. There are three hours each day free with other studies. Should the student desire to give his entire time to this work he can be with the instructor six hours each day.

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## REVIEW DEPARTMENT.

The review classes are arranged to meet the wants of those who have but a short time to remain in school. Many students have been teaching for years, and having a short time out of school work desire to improve it by reviewing certain subjects. Again there are those who find it necessary to teach new subjects with which they were once familiar, but not having had practice in the same, must have a hurried review in order to do efficient work. Especially is this true of the Natural Sciences. Again, there are those who wish to review work in the Scientific Department, the Department of Pharmacy, the Department of Commerce.

All students have here an opportunity of giving attention to the special subject or subjects desired. There are each term review classes in all of the work in all of the common branches and in nearly all of the higher branches. Students may take part review and part regular work, as they may desire, since one tuition covers all.

In many states "Reading Circle" work is established. The University organizes classes to discuss subjects for the coming year, thus preparing teachers to do efficient work in this important movement.

The Institution does not copy, nor does it claim to be original in all things, but uses whatever best prepares the teacher to make the greatest success of his work.

## EXPENSES.

### TUITION.

The tuition is \$20 per term of twelve weeks, or \$65 if paid in advance for the entire year of 48 weeks. This includes the work in all of the departments excepting Law, private lessons in Music, private lessons in Art, private lessons in Penmanship, Medicine and Dentistry.

When, however, the full tuition (\$80) is paid for the year in advance, Law, private lessons in Art and private lessons in Penmanship are included, so that in fact the one tuition pays for everything excepting Dentistry, Medicine and private lessons in Music.

**Vocal Music, three classes daily; Penmanship, three classes daily; and Drawing, three classes daily, are free.**

Attention is thus definitely called to this point, because at so many places the regular tuition covers only a small part of the work, the majority of the subjects being extra, for which a special tuition is charged. **Here one tuition covers all.**

### BOARDING.

Board and furnished room, \$1.70 to \$3.00 per week.

Board, tuition, and furnished room for one quarter, (12 weeks) \$40.40 to \$56.00.

Board, tuition, and furnished room for three quarters, (36 weeks) the usual school year, if paid in advance, \$116.20 to \$163.00.

Board, tuition, and furnished room, for four quarters, (48 weeks) if paid in advance, \$146.60 to \$209.00.

These amounts include board, tuition, and a well furnished room. The difference in the rates is somewhat in the board as well as in the room. At the lowest rate two students have a single room and wardrobe. This room is furnished the same as the other rooms, and the student has an abundance of well prepared food.

At the higher rates there is a greater variety in the food. Two students have a suite of rooms; that is, a study room, bed room and wardrobe. They have hot and cold water in their room and the privilege of the bath.

The student pays for his heat, light, laundry and books. The laundry work for the rooms is done by the University. Should he



take care of his own fire, heat per year will cost about \$9. If he has steam heat the expense per year will be \$15. Light need not exceed \$3 per year. Laundry can be done at from 30c. to 50c. per dozen articles. In all of the dormitories there are laundry facilities where students may do their own laundering at practically no expense.

#### BOOKS.

All books that are used more than one term in the year may be rented at a small per cent. of retail price, thus saving what is usually a great expense.

#### WHAT TO DO ON ARRIVING AT VALPARAISO.

On reaching the city, come directly to the President's office, which will be found in the University building. Here all necessary information will be given with reference to studies, classes, rooms, boarding, etc.

#### GENERAL INFORMATION.

The question, "How can these low rates be sustained?" is often asked. There are several reasons for this.

This reduction in expense is made possible because so many new rooms have been erected that now much more satisfactory accommodations may be had than heretofore, at greatly reduced rates.

The large attendance enables the Institution to purchase in large quantities.

The University is located so near Chicago, the best market in the world, that the very best rates for provisions may be had.

This department is supplied with modern appliances for preparing food in the most satisfactory manner.

*The important reason, however, is in the fact that the Vice President of the University, who has given the subject of Dietary many years of careful study, gives this department his personal attention.*

After visiting Valparaiso University, Dr. A. E. Winship, editor of the New England Journal of Education, says that he is familiar with the dining rooms of nearly one hundred colleges and that he speaks advisedly when he says that Valparaiso University furnishes as good living at \$1.40 a week as where \$3.50 is charged at other places.

Mrs. Helen H. Richards, who is authority on the best dietary, after making a thorough examination of the boarding department

of nearly every college in this country, says the same thing, so that students are certain to have very comfortable accommodations and an abundance of well prepared food at the low rates mentioned.

No other institution that attempts to care for its students affords anything like equal accommodations at anything near as low rates, because no other institution has made such extensive investments in equipping its boarding department, without which the low rates could not be sustained.

Quite a detailed explanation of the boarding arrangements has been given, because it is desired that the public should know what is done here to reduce the expense of students and yet give them excellent accommodations.

*Dormitories for Women*—In these the rooms are single or in suites. The single rooms are sufficiently large to accommodate two students. A suite of rooms usually consists of a sitting room, a bed room and a wardrobe, and is occupied by two students.

All these rooms, whether single or in suites, are furnished with bed, bedding, chairs, table, rugs, etc., in fact, everything necessary to the comfort of the student.

Each dormitory is in charge of an experienced matron who lives in the building and gives her entire time to the young women in her care. Every want is supplied. The entire arrangement is such as to make a pleasant home for those who come here.

*Dormitories for Men*—These are arranged and furnished the same and have the same care as those for women.

In addition to all these, there are ample accommodations in private families at the same rates as in the dormitories, so that students may be accommodated with just the kind of rooms desired and yet at the lowest rates.

All remittances should be made by draft, postal money order or express money order. *Please do not use personal checks.* There is always delay in collection, besides there is always cost for the same.

#### THE LARGE ATTENDANCE—HOW MANAGED.

The Institution is so thoroughly organized and the work so completely graded, that educators who visit it acknowledge that the large attendance is a most valuable feature of the University. On account of the large attendance, the University is able to offer to students a range of studies and a means of classifying their work which could not be had in any other way. The plan here is as follows. The teaching force is always kept ample for any emer-



gency, and the classes are always promptly sectioned. Many suppose where the attendance is so great that the classes must necessarily be large. In fact, this is the only objection urged against the Institution. This, however, comes from those unacquainted with its working or who are interested in schools where the attendance is small, as a means, if possible, of increasing their own number of students. Surely the practice does not correspond to the teaching. The plan here is as follows: Suppose, for example, at the opening of the term there are 600 who wish to study Arithmetic. They are divided into Beginning, Advanced and Review Classes. Now suppose that 200 wish to be in the Review Class. These are assigned to a teacher who at once divides them into five sections, each section having one hour every day for reciting, the same as if there were but forty in the Review Class. The Beginning and Advanced classes are sectioned in the same manner. Thus it is seen that each student has the same opportunities for reciting as though the attendance did not exceed 100 students. Besides, no one can over-estimate the advantages of being in charge of a teacher who has made a specialty of his particular subject. Such a teacher will devise new plans and methods and will do more in one term for those in his care than the instructor who does promiscuous teaching can do in three terms.

There are usually *twenty* classes in Arithmetic, of *nine* different grades; *nine* classes in Algebra, of *four* different grades; *four* classes in Geometry and *two* in Trigonometry, of different grades; *six* classes in Grammar, of *four* different grades; from *four* to *six* classes in Rhetoric, of *two* different grades. In fact, there are several *grades* in each subject, and several *sections* of each grade in the various departments, so that students have the opportunity of taking up the *particular subjects* they may desire to study, and also the *particular grade* in that subject.

There are in the University more than three hundred regular classes every day, not including private classes.

# REGISTER OF STUDENTS.

## PREPARATORY DEPARTMENT.

Aaltonen, Toivo..	Marquette, Mich.	Bogdan, Matthew .....	
Abramson, Mae.....	Russia	.....	Austria-Hungary
Adams, Raymond F.....	Fulton, Ky.	Boiser, S. D.....	Derby, Conn.
Adams, Robert E.....	Fulton, Ky.	Boldt, Anna H.....	Blair, Penna.
Aho, John .....	Canada	Borisoff, Walter.....	Tolland, Conn.
Aiken, Frank.....	Fairfield, Conn.	Bowman, Milo.....	Porter, Ind.
Aimutis, F. J.....	New Haven, Conn.	Boyce, Lottie.....	Douglas, Ill.
Alimullah, M.....	India	Boye, Rose.....	Fayette, Ill.
Allen, S. C.....	Floyd, Ky.	Boyer, Wm.....	Porter, Ind.
Altheide, Louis.....	Fulton, Ill.	Brady, E. M.....	Cass, Ind.
Ambuehl, Geo.....	Fayette, Ill.	Brigman, Laurin.....	Kane, Ill.
Amenovich, Stanley.....	Cook, Ill.	Brockway, Judson ..	Escambia, Fla.
Anderegg, Adolph.....	Oneida, N. Y.	Brooks, M. F.....	Wilkes, N. C.
Anderson, Henry.....	LaPorte, Ind.	Brooks, W. D.....	Jasper, Ill.
Anderson, Paul.....	Jay, Ind.	Brumfield, Roy.....	Carroll, Ark.
Anderson, Ralph.....	Hudson, N. J.	Bubelis, John.....	Porter, Ind.
Arnash, Joseph N.....	Cook, Ill.	Budraitis, A. F.....	Worcester, Mass.
Astranskas, A. L.....	Cook, Ill.	Burnham, Kenneth K.....	
Atchley, E. F.....	Lane, Ore.	.....	Chautauqua, N. Y.
Athenson, John.....	Cook, Ill.	Bushing, Wm.....	Allen, Ind.
Auerbach, Sadie D.....		Campbell, W. O.....	Henderson, Texas
.....	New York, N. Y.	Carbajal, Oscar.....	Oriente, Cuba
Augustinavic, K. M.....	Cook, Ill.	Carbonell, J. Salvador.....	
Bacevicze, Stanislaus.....		.....	Oriente, Cuba
.....	Kenosha, Wis.	Card, Harold.....	Porter, Ind.
Bagdona, John J.....	Cook, Ill.	Carlson, J. O.....	Porter, Ind.
Bagocius, D. J.....	Suffolk, Mass.	Carpenter, Chas.....	Cook, Ill.
Bailey, Oscar.....	Lawrence, Ky.	Carpenter, St. Clair.....	
Bak, Stanley E.....	Providence, R. I.	.....	St. Joseph, Mich.
Baker, Cortland E.....		Carr, Alden.....	Lake, Ill.
.....	Worcester, Mass.	Carslaw, Nina H.....	Cook, Ill.
Ballis, Frank.....	Cook, Ill.	Casale, Nicholas.....	Essex, N. J.
Balsis, Stanislaw.....	Cook, Ill.	Centeno, Marcial.....	Oriente, Cuba
Banta, Willard.....	Porter, Ind.	Chamberlain, W. S.....	Story, Ia.
Baran, Leonard.....	Cook, Ill.	Chamis, Tom.....	Greece
Baranowski, E. F.....	LaPorte, Ind.	Chan, H. Y.....	China
Batterman, Louis.....	Canada	Chmielinski, John.....	Cook, Ill.
Baudoin, Joseph O.....		Christianson, Alex.....	Boone, Ill.
.....	Vermillion, La.	Clancy, Thomas.....	Jo Daviess, Ill.
Baxter, Ernest.....	St. Clair, Mich.	Clark, F. P.....	Morgan, O.
Beck, J. C.....	Effingham, Ill.	Clark, Robert.....	Newton, Ind.
Belanger, Ernest M.....		Clark, Wilbur.....	Lake, Ind.
.....	Middlesex, Mass.	Clemens, Willard S.....	Putnam, Ill.
Belles, Dale.....	Marion, Ind.	Cloud, Arthur.....	Porter, Ind.
Benz, H. L.....	Walworth, S. D.	Coffeen, Donald H.....	Sheridan, Wyo.
Bensend, Albert.....	Barron, Wis.	Cohen, Jacob.....	Cook, Ill.
Bergental, Mauritz.....	Cook, Ill.	Collon, Wm. T.....	Huron, Mich.
Berman, Jack R.....		Coltman, Harry.....	Cook, Ill.
.....	Vanderburg, Ind.	Connolly, W. Warren.....	Henry, O.
Biansici, Andrew J.....	Cook, Ill.	Conover, M. E.....	Porter, Ind.
Bina, Lily.....	Cook, Ill.	Corkern, Allin.....	Anderson, Texas
Bitteneck, Christine.....	Cook, Ill.	Cotz, Charles E.....	Cook, Ill.
Black, Willard S.....	Wilmington, Del.	Crecelius, Carl D.....	Franklin, Ky.
Blankenheim, Ray.....		Cross, John A.....	Lucas, O.
.....	Chickasaw, Ia.	Currie, James.....	Livingston, Ill.
Bleich, Selmar A.....	Madison, Ill.	Cuzanskis, J.....	Cook, Ill.
Boatman, Grace.....	Hamilton, O.	Debraskis, T. J.....	Cook, Ill.
Bogan, Alfred.....	Fergus, Mont.		



- Dagnon, James Arthur.....  
     .....Crawford, Wis.  
 Dahl, Andrew.....Douglas, Minn.  
 Davis, Malcolm.....Canada  
 Dawes, I. L.....Lake, Minn.  
 De la Cruz, J.....Manila, P. I.  
 Diamante, Domicio P.....  
     .....Blair, Penna.  
 Dickson, Chas.....Houghton, Mich.  
 Dickinson, F. Rolland.....  
     .....Oswego, N. Y.  
 Dickson, James Howell Mason, Ky.  
 Dios, Manuel Virgil de.....  
     .....Philippine Is.  
 Donahue, Gilbert..Jo Daviess, Ill.  
 Donna, Secondo.....Will, Ill.  
 Doptart, Gelive.....Wayne, Mich.  
 Dowling, Harry..Scranton, Penna.  
 Drobnick, Joseph..St. Louis, Minn.  
 Dubow, Albert.....Cook, Ill.  
 Duggan, Ralph...St. Joseph, Ind.  
 Durrett, Eunice..Robertson, Tenn.  
 Eames, Franklin.....Door, Wis.  
 Elias, Jerry D...New York, N. Y.  
 Elliott, Abraham.....  
     .....Westmoreland, Penna.  
 Ellis, Margery.....Porter, Ind.  
 Elmore, Earl S.....Henry, Ind.  
 Elnitsky, Andrew.....  
     .....McLean, N. Dak.  
 Elswick, Carson...Lawrence, Ky.  
 Emery, C. E...Silver Bow, Mont.  
 Erickson, Wm. S...Fremont, Idaho  
 Eudeikis, Emma.....Cook, Ill.  
 Eudeikis, Joseph.....Cook, Ill.  
 Evanoff, D.....Bulgaria  
 Faulk, C. E.....Green, Ark.  
 Fay, Henrietta K...Porter, Ind.  
 Ferrigno, Hernan.....Mexico  
 Fiedler, Albert.....Calhoun, Ill.  
 Fife, Elbert.....Parker, Texas  
 Filyes, Stanley...Langlade, Wis.  
 Fitzpatrick, Emmett L.....  
     .....San Diego, Calif.  
 Fleming, H. E...Fall River, S. D.  
 Fordonski, Walter.....Russia  
 Fowlkes, J. Virgil.....  
     .....Lincoln, W. Va.  
 Fraser, Ruple.....Gogebic, Mich.  
 Freeman, Edward J.....  
     .....Bradford, Penna.  
 Freier, Rudolph.....Cook, Ill.  
 Frontera, Robert C...Porto Rico  
 Gallagher, Mrs. M. A.....  
     .....Alleghany, Penna.  
 Gapshis, Peter.....Cook, Ill.  
 Garcia, Ramon.....Porto Rico  
 Gerhardt, Mabelle...DeKalb, Ill.  
 Giedgowl, Peter.....Kane, Ill.  
 Gilbreth, G. Earle..Marion, Ohio  
 Gillock, John.....Lake, Minn.  
 Gilmore, Margaret..Kankakee, Ill.  
 Gimenes, Leo B.....  
     .....San Francisco, Calif.  
 Gitnek, Pauline..New York, N. Y.  
 Glinski, J. F...Allegheny, Penna.  
 Gluska, M. C.....Cook, Ill.  
 Gombert, Katherine.Cuyahoga, O.
- Goodwin, Abraham.....Russia  
 Gordon, E. M.....Jefferson, Ind.  
 Graham, J. Wirt.....  
     .....Lancaster, Penna.  
 Gralee, William L.....Luzerne, Penna.  
 Gramba, Julius...Beaver, Penna.  
 Green, Robert G.....Koochiching, Minn.  
 Greenhalgh, Sara E...Polk, Iowa  
 Griefer, Joseph L.....  
     .....Hartford, Conn.  
 Grovere, Kathryn..St. Joseph, Ind.  
 Gure, A. L.....Russia  
 Gusewelle, Arthur F..Madison, Ill.  
 Gutierrez, Pedro.....Porto Rico  
 Hahn, Louis.....Bohemia  
 Hakala, Hilda...St. Louis, Minn.  
 Hale, Wells L. B.....  
     .....New London, Conn.  
 Hannula, John...St. Louis, Minn.  
 Hansen, J. G.....Canada  
 Hanson, Ida.....DeKalb, Ill.  
 Haracz, Albert.....Austria  
 Harriman, J. E.....Hardin, O.  
 Harris, Cyral.....LaSalle, Ill.  
 Harshman, Gertrude M...Canada  
 Hasche, A.....Boyd, Nebr.  
 Hasche, William...Boyd, Nebr.  
 Heaton, Fred L...Marion, Ind.  
 Helmlee, Raymond...Cook, Ill.  
 Hendrickson, Russell.....  
     .....Walsh, N. D.  
 Hendrickson, Walter.....  
     .....Douglas, Minn.  
 Herrick, Harley...Bureau, Ill.  
 Hess, Robert.....Kankakee, Ill.  
 Hodge, L. T.....Union, Ky.  
 Hoeschen, Lawrence.....  
     .....Stearns, Minn.  
 Hoffman, Carlton...Porter, Ind.  
 Holmes, Louis R.....Cook, Ill.  
 Hopper, Marshall...Mason, Ky.  
 Horn, Andrew.....Noble, Okla.  
 Hubrich, Wm. J...Effingham, Ill.  
 Hubrig, Martin H.....  
     .....Sheboygan, Wis.  
 Huff, Levi W.....Louisa, Ia.  
 Hulton, John.....Douglas, Wis.  
 Ichas, John.....Cook, Ill.  
 Iliakis, Izidor.....Cook, Ill.  
 Inghram, Jno.....Greene, Penna.  
 Irwin, Oscar.....Geauga, O.  
 Isaacs, Elmer...Williamson, Ill.  
 Jackson, F. L.....Bond, Ill.  
 Jaffar, Riza.....Persia  
 Jakitala, Adolf...Gogebic, Mich.  
 James, Marie.....Whitley, Ind.  
 Jankauskas, Z.....Essex, Mass.  
 Janson, Ernest C...Carroll, O.  
 Janushauskas, Izidor...Cook, Ill.  
 Jaraz, Albert.....Wayne, Mich.  
 Jennings, Arlen Z...Saline, Ill.  
 Jones, A. William.....  
     .....Lackawanna, Penna.  
 Jones, Thomas A.....Somerset, Penna.  
 Johnson, George.....Cook, Ill.



- Johnson, Sigfred.....  
                                     LaMoire, N. Dak.  
 Johnston, Bertie R.....  
                                     Hampton, S. C.  
 Jordan, Ciser.....Porto Rico  
 Jozwiak, M.....Cook, Ill.  
 Kahn, Irene.....Peoria, Ill.  
 Kanlovic, A.....Schuylkill, Penna.  
 Kannosto, J. V.....Canada  
 Karaivanoff, Ivan D.....Bulgaria  
 Karalius, A.....Cook, Ill.  
 Kaszynski, John.....Cook, Ill.  
 Katz, Eda.....Porter, Ind.  
 Kennedy, Porter H.....Wayne, Ky.  
 Kestovich, John.....Lake, Ind.  
 Khan, Mirza Nassrollah.....Persia  
 Kibort, Jos. A.....Cook, Ill.  
 Kincaid, C. L.....Clay, Ill.  
 Kingman, Lawrence H.....  
                                     Chelan, Wash.  
 Klianga, Casimir.....Kenosha, Wis.  
 Kline, George.....Porter, Ind.  
 Klinkman, E. L.....Cass, Mich.  
 Kkokare, Emil.....Canada  
 Kollen, Emil.....Shawano, Wis.  
 Kollwith, John.....Cook, Ill.  
 Koraitis, P.....Cook, Ill.  
 Kowalski, Vincent.....Cook, Ill.  
 Kraus, Victor.....Delta, Mich.  
 Kucinskas, T. J.....Worcester, Mass.  
 Kunnari, Mrs.....Houghton, Mich.  
 Kuykendall, Leland N.....  
                                     White, Ill.  
 Kyto, Hilda.....Cook, Ill.  
 Lack, A. W.....Smith, Miss.  
 Laine, Vaino Art.....St. Louis, Minn.  
 Lambert, Peter Jr.....Suffolk, Mass.  
 Lanart, Evelyn.....Lake, Ill.  
 Lane, H. Dalbert.....Gratiot, Mich.  
 Larton, R. D.....Montgomery, Ind.  
 Lashenos, Adam.....Williamson, Ill.  
 Laudenslager, Wilbur.....  
                                     Schuylkill, Penn.  
 Lehto, Error Emil.....Finland  
 Lehtola, Arvid.....Canada  
 Lentz, Frank C.....Fairfield, Conn.  
 Lenz, Albert.....Lake, Ill.  
 Leonard, Carlton E.....Suffolk, Mass.  
 Lewis, Clara.....Cook, Ill.  
 Lewis, Fred W.....Wright, Mo.  
 Lewis, Phillip.....Cook, Ill.  
 Lind, Bertha.....Cook, Ill.  
 Littlefield, Robert C.....  
                                     St. Louis, Mo.  
 Littrell, Louis P.....Lucas, O.  
 Loewer, Wm. Henry.....Cook, Ill.  
 Loman, P. G.....Cook, Ill.  
 Long, Reed.....Greene, Penna.  
 Lopez, William P.....Porto Rico  
 Lowandowski, Zygmunt.....  
                                     Washington, D. C.  
 Lucas, K. V.....Hughes, Okla.  
 Lukanich, Joe.....St. Louis, Minn.  
 Lukaszewicz, John.....Cook, Ill.  
 Luttrell, Lewis Paul.....Lucas, O.  
 Lyons, Joseph E.....  
                                     Lycoming, Penna.  
 McBrayer, C. N.....Porter, Ind.  
 McKinley, Roscoe.....Fulton, Ill.  
 McLean, Joseph R.....Sully, S. Dak.  
 McLeod, Edmund.....Canada  
 McMullin, Frederick J.....  
                                     Jefferson, N. Y.  
 Mackintosh, Wm. B.....England  
 Madsen, J.....Worcester, Mass.  
 Majanskas, Chas. J.....Lithuania  
 Maki, Alex.....Canada  
 Maki, Edvard.....St. Louis, Minn.  
 Maki, Gust.....Gogebic, Mich.  
 Maki, Mary L.....Finland  
 Maki, Waino.....Canada  
 Maksimoff, Vlade.....Bulgaria  
 Malecki, Edmund E.....Erie, N. Y.  
 Maloney, C. P.....Jasper, Ind.  
 Marchan, Rafael, F.....Porto Rico  
 Mariani, Miguel.....Porto Rico  
 Martin, Holmes.....Porter, Ind.  
 Martin, William J.....Cook, Ill.  
 Mazer, Mrs. Annie.....  
                                     Allegheny, Penna.  
 Mead, Earl H.....Porter, Ind.  
 Metcalf, H. H.....Canada  
 Michael, Sanford A.....  
                                     Hamilton, Ind.  
 Michowisz, Steve.....Russia  
 Mierzyewski, Max F.....Lake, Ind.  
 Miller, Arthur G.....Iroquois, Ill.  
 Miller, Chris.....Rock, Wis.  
 Miller, Daisy I.....LaPorte, Ind.  
 Miller, Donald.....Lucas, O.  
 Miller, Ebbo.....Iroquois, Ill.  
 Minor, A. Emil.....Carlton, Minn.  
 Misius, Stanley.....Cook, Ill.  
 Mitchell, Anna.....Cook, Ill.  
 Mitchell, Bert.....Porter, Ind.  
 Mitrius, Joseph.....  
                                     Philadelphia, Penna.  
 Moore, Eula.....Madison, Miss.  
 Monto, Santeri.....Canada  
 Moran, Indabecio.....Cuba  
 Morrison, Edward.....Ashland, Wis.  
 Morrow, H. H.....Guernsey, O.  
 Mottard, Sylvester.....  
                                     Marinette, Wis.  
 Motyl, Wladyslaw.....Mercer, N. J.  
 Mueller, Charles.....St. Clair, Ill.  
 Murray, William J.....  
                                     Sheboygan, Wis.  
 Naab, Henry.....Vanderburg, Ind.  
 Naujalis, J.....Essex, Mass.  
 Nestinger, Ingar.....Vernon, Wis.  
 Niemi, Frank.....Houghton, Mich.  
 Nolan, Carl P.....  
                                     San Miguel, N. Mex.  
 Nowak, Thomas.....Lucas, O.  
 Ochoterena, Fausto.....Mexico  
 Ogren, Philip.....LaMoire, N. Dak.  
 Ohlson, Dorothea.....New Madrid, Mo.  
 Ojanpaa, Emil.....St. Louis, Minn.  
 Ojanpaa, Ivar.....St. Louis, Minn.  
 Olszowy, Lawrence.....  
                                     Niagara, N. Y.  
 Olzsewski, Peter.....Erie, N. Y.  
 Osborn, Paul.....Iroquois, Ill.  
 Ostrum, Chas. W.....Luzerne, Penna.  
 Oxley, M. E.....Park, Ind.



- Packard, Roswell....Carroll, Ill.  
 Paksys, A. A.....Kenosha, Wis.  
 Pappas, James.....Cook, Ill.  
 Paris, Walter.....Hardin, Ill.  
 Parker, Erwin G....Roseau, Minn.  
 Parra, Librado.....Cuba  
 Pashakarny, Joseph..Essex, Mass.  
 Patenande, Edw. A.....  
 .....New Haven, Conn.  
 Patton, Geraldine...Porter, Ind.  
 Paulson, Theodore...Clay, Minn.  
 Pautee, Matt...Silver Bow, Mont.  
 Pearson, Harry.....  
 .....Allegheny, Penna.  
 Pedro, Jose San.....Spain  
 Pena, Carlos.....Cuba  
 Pennanen, P.....Houghton, Mich.  
 Perez, Victor.....West Indies  
 Perinen, Kusti.....Wayne, Mich.  
 Peruzovich, Tony.....  
 .....Sacramento, Calif.  
 Petera, Mrs. Osta Perkins, S. Dak.  
 Peterson, Carl Elmer.....  
 .....San Francisco, Calif.  
 Phillips, George....Suffolk, N. Y.  
 Pinkerton, Fred W....Jackson, Ill.  
 Pintado, Isidor.....Porto Rico  
 Plezia, John.....Austria  
 Plough, Laura.....Broome, N. Y.  
 Pocius, A.....Cook, Ill.  
 Podolsky, Nadia.....Cook, Ill.  
 Powalski, Walter J....Lucas, Ohio  
 Prausa, Charles G....Oconto, Wis.  
 Price, Irvin.....Allen, Indiana  
 Prieto, Miguel Garcia.....Spain  
 Prina, John C.....Queens, N. Y.  
 Quinn, Arthur.....Union, Ky.  
 Qvist, Alex.....Finland  
 Raglewicz, Joseph.....  
 .....Lackawanna, Penna.  
 Rante, Anni.....Houghton, Mich.  
 Ranti, Till.....St. Louis, Minn.  
 Rathbun, Ed.....Ozaukee, Wis.  
 Raunala, John.....Canada  
 Regan, Michael....Stark, N. Dak.  
 Rendon, Frank P.....Mexico  
 Riddlemour, R. L....Baltimore, Md.  
 Rieg, Anthony.....Laporte, Ind.  
 Rierson, M. R....Campbell, S. Dak.  
 Riesbeck, Laura.....Monroe, O.  
 Rimkus, Peter.....Cook, Ill.  
 Rinne, Frank.....Finland  
 Rissanen, August.....  
 .....Silver Bow, Mont.  
 Rolstad, Harvey.....  
 .....Yellow Medicine, Minn.  
 Rosell, Signe J.....Cook, Ill.  
 Ruberg, Axel.....Douglas, Wis.  
 Ruch, Lester.....Clinton, Ind.  
 Ruiz, Oscar.....Cuba  
 Rukstalis, William.....  
 .....Androskoggin, Me.  
 Runyan, Arthur.....Porter, Ind.  
 Ruskovic, John.....  
 .....Allegheny, Penna.  
 Ryan, Austin.....Kent, Mich.  
 Sakari, Fred.....Houghton, Mich.  
 Salmi, Valno.....Canada  
 Sanford, Paul..McKenzie, N. Dak.  
 Saterbak, Theodore.....  
 .....Lawrence, Tenn.  
 Sayre, E. H.....Wright, Iowa  
 Schlarp, Henry....Washington, O.  
 Schlundt, Walter D...Porter, Ind.  
 Schwanke, Floyd....Jasper, Ind.  
 Schweppe, John Wm....Cook, Ill.  
 Schwinchow, L. A.....Cook, Ill.  
 Scott, Thos. B....Silver Bow, Mont.  
 Sebring, Edith E.....Lake, Ill.  
 Seehausen, Harry F....Cook, Ill.  
 Sharfman, Anna.....Cook, Ill.  
 Shaskus, Chas.....Cook, Ill.  
 Shinabarger, Doreen..Porter, Ind.  
 Shirazi, Mirza.....Persia  
 Siegfried, Russell...Clinton, Ind.  
 Silverman, E.....Porter, Ind.  
 Simon, Andrew.....Fulton, Ill.  
 Sinkus, Paul.....Kings, N. Y.  
 Skrobiszewski, Walter...Russia  
 Sky, Charles.....Canada  
 Slingis, Ernest..Milwaukee, Wis.  
 Slosarski, Clement.....Russia  
 Smith, Tony.....Cook, Ill.  
 Smitley, Wayne.....Allen, Ind.  
 Snavely, R. K....Dauphin, Penna.  
 Sobrero, Luis R.....Argentina  
 Socoloff, B.....Cook, Ill.  
 Socoloff, I.....Russia  
 Socoloff, John.....Canada  
 Sola, John.....LaPorte, Ind.  
 Solarski, Leo A....Houghton, Mich.  
 Solo, Luis.....Porto Rico  
 Sowa, Stephen.....Russia  
 Spearing, George L....Cook, Ill.  
 Specht, Clarence....Porter, Ind.  
 Spudis, James.....Cook, Ill.  
 Stankus, Joseph J.....  
 .....Philadelphia, Penna.  
 Stedman, Harry....Iroquois, Ill.  
 Steele, F. C.....Canada  
 Steidinger, Albert..Livingston, Ill.  
 Steidinger, Carl...Livingston, Ill.  
 Stevens, Thomas.....Cook, Ill.  
 Stoa, Otto.....Sargent, N. Dak.  
 Stolz, J.....Cook, Ill.  
 Stripeika, John....Cuyahoga, Ohio  
 Strub, L. J....Allegheny, Penna.  
 Studabaker, Hugh.....  
 .....New Madrid, Mo.  
 Stumbris, Ramusis..Wayne, Mich.  
 Suomi, Phil....Silver Bow, Mont.  
 Surf, Al.....Kane, Ill.  
 Swartwood, Burrell.....  
 .....Luzerne, Penna.  
 Szkutas, John.....Cook, Ill.  
 Sznyter, W. W....Scranton, Penna.  
 Tammunen, Leander.....  
 .....Houghton, Mich.  
 Tapio, N.....Canada  
 Taseff, Demetr.....Bulgaria  
 Terry, Robert H.....Polk, Fla.  
 Thane, Lars.....Essex, N. J.  
 Thayer, Walter W..Marshall, Ind.  
 Thiele, Clarence C.....  
 .....Marquette, Mich.  
 Thielen, Arthur....Itasca, Minn.

Thorson, Torleiv.....Canada  
 Tianen, Gunnar.....Finland  
 Tikkala, Anna.....Gogebic, Mich.  
 Tobinson, James E.....Cook, Ill.  
 Tomkus, Konstantas.....  
 .....Philadelphia, Pa.  
 Torma, Karle.....Canada  
 Torres, Julian.....Cuba  
 Ulanowicz, Vincent A.....  
 .....Allegheny, Penna.  
 Umlach, Joseph.....Duval, Fla.  
 Valasina, Nick.....Schnectady, N. Y.  
 Van de Verde, A.....Ottawa, Mich.  
 Velicka, Frank J.....  
 .....Montgomery, N. Y.  
 Victory, Arnel T.....Cameron, Penna.  
 Virbickas, Paul D.....  
 .....Northampton, Mass.  
 Vulsovich, Geo.....Cook, Ill.  
 Waddell, Marie.....Desha, Ark.  
 Wade, John.....Cameron, Penna.  
 Walser, R. D.....Buncombe, N. C.  
 Wanous, Norbert.....Swift, Minn.  
 Ward, Arthur.....Cook, Ill.  
 Warekoys, Peter.....Cook, Ill.  
 Waring, Milton.....Cayuga, N. Y.  
 Weimer, Geo.....Iroquois, Ill.

Weisman, Abraham.....Poland  
 Weldy, Claude.....Pulaski, Ill.  
 Wells, Halsey.....Luzerne, Penna.  
 Welp, Lawrence W.....Kossuth, Ia.  
 Welti, Harvey.....Olmstead, Minn.  
 Williamson, Lee.....Porter, Ind.  
 Wilson, Blake.....Newton, Ind.  
 Wilson, George.....  
 .....Yellow Stone, Mont.  
 Winski, Frank.....Fairfield, Conn.  
 Wiser, Edward.....Porter, Ind.  
 Wolfe, Bernice.....Porter, Ind.  
 Wright, Henry E.....Warren, Ind.  
 Wright, J. Stanley.....Johnson, Ind.  
 Wuolle, O. A.....Finland  
 Wycislik, John.....Cuyahoga, O.  
 Xenos, Epamenondas.....Lorain, Ohio  
 Yoi, Chan.....Canada  
 Yokie, Wm. C.....Houghton, Mich.  
 Young, Donald.....Denver, Colo.  
 Yurgutis, Paul.....Cook, Ill.  
 Zarate, Jose R.....Central America  
 Zarate, Roman.....Central America  
 Zekus, Chas.....Marion, W. Va.  
 Zinyarn, Harry.....Lake, Ind.  
 Zukowski, Walter.....Cook, Ill.  
 Zunzarren, Alberto.....Cuba  
 Zurwell, Frank S.....Essex, Mass.

### PREPARATORY WORK FOR HIGHER COURSES.

Adryan, Walter A.....  
 .....Hampden, Mass.  
 Allen, Omer H.....Hempstead, Ark.  
 Anderson, Reuben.....Kendall, Ill.  
 Angeo, Victor.....Philippine Is.  
 Bailey, Ada L.....  
 .....Schnectady, N. Y.  
 Bailey, Clara O.....  
 .....Porter, Indiana  
 Bakis, J. E.....Ohio, Ind.  
 Barshetsky, Samuel.....Porter, Ind.  
 Bean, E. L.....McCracken, Ky.  
 Beck, Joseph C.....Fayette, Ill.  
 Bernard, Ben W.....Mahoning, O.  
 Bilbrey, L. L.....Putnam, Tenn.  
 Boudle, I. N.....Allen, Ohio  
 Cain, Ruel.....Tippecanoe, Ind.  
 Carlson, Minnie.....Lake, Ind.  
 Chappell, Frank R.....Canada  
 Chappell, Lillian L.....Canada  
 Christensen, A. D.....  
 .....Kingsbury, S. Dak.  
 Clement, Donald B.....  
 .....Ramsey, Minn.  
 Cloud, Albert.....Porter, Ind.  
 Coller, Ethel.....Sanilac, Mich.  
 Collins, I. T.....Scott, Va.  
 Comer, Marie.....Jasper, Ind.  
 Dee, Ellsworth.....Cook, Ill.  
 Elms, Stephen F.....St. Louis, Md.  
 Emerson, Frances E.....  
 .....Marshall, Ind.  
 Erman, Cy.....Russia  
 Eshelman, Ford P.....Atlantic, N. J.  
 Evangeloff, B. D.....Turkey

Ewers, Myrtle.....Whiteside, Ill.  
 Felmlee, Raymond.....Cook, Ill.  
 Fetterhoff, I. J.....Dauphin, Penna.  
 Fields, I. W.....Letcher, Ky.  
 Fisher, Lyman W.....  
 .....Houghton, Mich.  
 Frost, Olive.....Ottawa, Mich.  
 Full, L. O.....Wirt, W. Va.  
 Galell, Henry G.....Will, Ill.  
 Galarza, Max.....Mexico  
 Gist, John Franklin Helman.....  
 .....Williamson, Ill.  
 Glass, C. C.....Fayette, Penna.  
 Gowdy, Ralph A.....  
 .....Koochiching, Minn.  
 Graham, W. B.....Stearns, Minn.  
 Granlan, Luis M.....Porto Rico  
 Greer, Reed C.....Lorain, Ohio  
 Grossmans, Clara E.....Porter, Ind.  
 Guzman, Jose Ruiz.....Cuba  
 Ha, Koon Young.....Cook, Ill.  
 Hague, Howard B.....Benton, Ind.  
 Hale, Earl Grant.....Jackson, Mich.  
 Hendrickson, Wm.....Cochise, Ariz.  
 Henson, Willard.....White, Ill.  
 Hickner, F. P.....Tipton, Ind.  
 Hoeft, W. C.....Ottertail, Minn.  
 Hoel, R. C.....Richland, Ill.  
 Holmes, Urban.....White, Ill.  
 Hopkins, John J.....Canada  
 Hostetler, Cleo.....Kosciusko, Ind.  
 Huffman, A. D.....Marion, Ind.  
 Hughes, Inez.....Porter, Ind.  
 Jacox, Paul V.....Marshall, Ind.  
 Jewell, Geo. A. P.....  
 .....Nez Perce, Idaho



Jones, Floyd..Guadalupe, Texas	Ruiz, Jose.....Cuba
Kaminski, Henry.....	Santana, Antonio V....Porto Rico
.....Jefferson, Penna.	Scherf, Elmer.....Marion, Ind.
Karr, Leslie J....Champaign, Ill.	Schust, John H.....Allen, Ind.
Kelley, Howard....Iroquois, Ill.	Sellers, Cecile Maye..Laporte, Ind.
Kipsius, Ben Zion.....Cook, Ill.	Shanks, M. S.....Ward, N. Dak.
Lackmann, Alfred.....	Sharfnack, Lindsay L.....
.....Litchfield, Conn.	.....Greene, Penna.
Large, Frances.....Cook, Ill.	Sheffield, Ida E....Cuyahoga, O.
Laudenslager, Lulu.....	Sherman, R. D....Buchanan, Iowa
.....Schuylkill, Penna.	Shirley, M. M.....Clarke, Miss.
Lawalin, Fred.....Perry, Ind.	Short, H. C.....Lawrence, Ky.
Lee, Maud A.....Shelby, Ind.	Simms, Court....Tippecanoe, Ind.
Lilja, H. C.....St. Louis, Minn.	Sites, Edgar Curry...White, Ind.
Lockwood, Harold..St. Joseph, Ind.	Slingerland, Will C.....
McCall, J. Austin....Davies, Ind.	.....Manistee, Mich.
McKenna, P. J..Allegheny, Penna.	Smafield, H. F.....Sanilac, Mich.
McMillen, W. I....Hardin, Ohio	Smith, J. Clint....Jeff Davis, Miss.
Mahlum, Howard..Browning, Minn.	Snow, Kenneth....Ramsey, Minn.
Maldonado, Jose....Porto Rico	Snyder, Cornelius..Whiteside, Ill.
May, Lawrence J....Gentry, Mo.	Sotomayer, Juan N....Porto Rico
Merriam, F. Stanton.....	Spindler, C. J.....Lake, Ind.
.....Chippewa, Mich.	Stone, R. W.....Jay, Ind.
Merrill, W. L.....Tioga, N. Y.	Swartling, Gurney H..Marion, Ind.
Milbee, Grover C.....	Teitelbaum, Abraham D.....
.....Kanawha, W. Va.	.....New York, N. Y.
Miles, Dale S....Montgomery, Kas.	Timmons, Marie....Porter, Ind.
Miller, Howard J....Whiteside, Ill.	Tobin, W. W....Washington, D. C.
Mills, George W.....	Tomasek, Chas....Ramsey, Minn.
.....Pennington, S. Dak.	Tomastick, Myron S.....
Morris, Jr. M. B.....Knox, Mo.	.....Grundy, Ill.
Morrison, Blanche..Fayette, Ill.	Upmann, C. W.....Cook, Ill.
Muecking, Roy Fred.....	Varhol, John G.....
.....Steele, Minn.	.....Schuylkill, Penna.
Murphy, G. Blaine....Vigo, Ind.	Warren, Mattie....Sumner, Tenn.
Myer, Geo. A....Luzerne, Penna.	Warren, Wm. C.....Clay, Ill.
Nelson, Fred.....Shelby, Tenn.	Webb, Bonnie.....Porter, Ind.
O'Day, John....Silver Bow, Mont.	Webb, June.....Porter, Ind.
O'Dell, R. Owen..Nicholas, W. Va.	Welty, Mary A....Putnam, Ohio
Ohlson, Bessie L..New Madrid, Mo.	White, Doris.....Lake, Ind.
Payanal, Juan L.....	White, Rex Seymour..Starke, Ind.
.....Philippine Is.	Williams, G. W....Stewart, Tenn.
Petropulof, Agis.....Cook, Ill.	Windle, Garland....Porter, Ind.
Polyduris, Panagiotis..Cook, Ill.	Wiser, Edwin A....Porter, Ind.
Proctor, Geo. F....Gallatin, Ill.	Wray, Daniel E....Teller, Colo.
Quinlan, Margaret..St. Joseph, Ind.	Young, Theron....Porter, Ind.
Ranberg, George R..Ashtabula, O.	Zimmerman, Delphia.....
Reese, E. K.....Cook, Ill.	.....Randolph, Ind.
Roderick, Rollie.....Will, Ill.	

### TEACHERS' DEPARTMENT.

Adams, Clarence O..White, Ind.	Anderson, George.....
Akers, Robert....Whitley, Ind.	.....Dickinson, Mich.
Albright, Edna....St. Joseph, Ind.	Anderson, Mattie..Franklin, Miss.
Albright, M. J....LaPorte, Ind.	Anderson, Mrs. Ruby.....
Alcorn, Georgia....Putnam, Tenn.	.....Franklin, Miss.
Aldrich, Mabelle.....	Aragones, Albert....Cuba
.....Worcester, Mass.	Arbuckle, Howard..Rush, Indiana
Allen, Ottie L....Davies, Ind.	Archer, Mamie.....Porter, Ind.
Alvey, Maude E....Benton, Ind.	Ashman, Benj. H....Orange, Fla.
Alvey, Lora E....Benton, Ind.	Atha, Mary.....Marshall, Ind.
Alyea, Gertrude....Lake, Ind.	Atherton, Herbert...White, Ind.
Ambrosey, Charles.....	Atkinson, Ernest....Spencer, Ind.
.....Washington, Penna.	Atwood, Elsie.....Spencer, Ind.
Anderson, A. E....Porter, Ind.	Austin, Annie M....LaPorte, Ind.
Anderson, Cathryne O.....	Bailey, Bessie M....Porter, Ind.
.....Shelby, Ill.	Baits, Winfield S....Bond, Ill.

- Ballard, Evaline.....Fulton, Ind.  
 Ballenger, Ralph A.....Tipton, Ind.  
 Bane, Orpha.....Washington, Pa.  
 Bane, Varonia M.....  
     .....Washington, Pa.  
 Banta, Lula.....Porter, Ind.  
 Barley, Ruth A.....Delaware, Ind.  
 Barnard, Ralph C.....Saginaw, Mich.  
 Barrow, Belle M.....  
     .....W. Feliciana, La.  
 Barsted, Jessie.....LaPorte, Ind.  
 Bartholomew, Alta.....Porter, Ind.  
 Bartz, Roena.....  
     .....Westmoreland, Penna.  
 Bates, Wm. R.....Cass, Ind.  
 Bauer, Frances K.....Spencer, Ind.  
 Baughman, Bessie.....Jasper, Ind.  
 Bayless, Anna.....Delaware, Ind.  
 Beasley, Georgia.....Vermilion, Ill.  
 Beck, Elma.....Marshall, Ind.  
 Becker, Ella.....Lake, Ind.  
 Beckley, Elizabeth.....Cass, Ind.  
 Beckley, Emeline.....Cass, Ind.  
 Beckman, Irene.....Cook, Ill.  
 Beery, Sherman.....Adams, Ind.  
 Benham, Etta.....Ripley, Ind.  
 Berkley, Wm.....Allen, Ind.  
 Berry, Earl C.....Richmond, Ill.  
 Beshears, Bula V.....Jasper, Iowa  
 Beshears, Buna.....Jasper, Iowa  
 Bessler, Elizabeth.....LaPorte, Ind.  
 Bickwermert, J. W.....Dubois, Ind.  
 Bildebeck, May.....Adams, Ind.  
 Black, David S.....Porter, Ind.  
 Black, Florence L.....Cass, Ill.  
 Black, Lee.....Miami, Ohio  
 Blackwood, Althye.....Wells, Colo.  
 Blackwood, Jimmie.....Wells, Colo.  
 Blackwood, Leora.....Wells, Colo.  
 Blair, Hazel.....St. Joseph, Ind.  
 Blair, Ruby.....Jewell, Kas.  
 Blanchard, Edith.....Winona, Minn.  
 Boehrsen, Amanda.....Iroquois, Ill.  
 Boehrsen, Etta.....Iroquois, Ill.  
 Bolenbaugh, John.....Marshall, Ind.  
 Bolt, L. S. Jr.....Laurens, S. C.  
 Bond, Mabel.....Knox, Ill.  
 Bowen, W. A.....Unicon, Tenn.  
 Bowlin, Gladys.....Tipton, Ind.  
 Boyd, J. Ira.....Pike, Miss.  
 Boyer, Lulu.....Lawrence, Ark.  
 Bracken, Emily.....Lake, Ind.  
 Brammer, Olive.....Delaware, Ind.  
 Brandt, Henryetta.....Delaware, Ind.  
 Branchla, Guy.....Huntington, Ind.  
 Braun, Charles J.....  
     .....Manitowoc, Wis.  
 Breskim, Mamie.....LaPorte, Ind.  
 Brickles, Vance E.....Starke, Ind.  
 Briggs, Genevieve.....Porter, Ind.  
 Broad, Hazel.....Porter, Ind.  
 Brooks, Lottie.....LaPorte, Ind.  
 Brooks, Vera.....LaPorte, Ind.  
 Brooner, Flora.....Spencer, Ind.  
 Brower, Ivan E.....Miami, Ind.  
 Brown, Coyle A.....Allen, Ind.  
 Brown, John H.....Stephenson, Ill.  
 Brown, Rhoda.....Lincoln, Miss.  
 Brown, W. Guy.....Adams, Ind.  
 Bryant, R. B.....Effingham, Ill.  
 Bubolz, Anna.....Outagamie, Wis.  
 Bunch, Charlie.....Scott, Ill.  
 Burgess, W.....Sangamon, Ill.  
 Burnside, Charley.....Newton, Ind.  
 Burris, Bessie E.....Davies, Ind.  
 Cody, Verna.....Shelby, Tenn.  
 Coffman, Pearl.....Schuyler, Ill.  
 Cole, Emma E.....Susquehanna, Pa.  
 Cole, Frances.....Adams, Ind.  
 Coleman, Henry.....Cook, Ill.  
 Collins, Grace.....Fulton, Ind.  
 Collins, Julia.....Brown, Wis.  
 Colton, L. E.....Wabash, Ind.  
 Colucci, William.....Monroe, N. Y.  
 Comer, Emma.....White, Ind.  
 Coombs, Martin.....Cuyahoga, O.  
 Condrey, Chase, L.....Crawford, Ill.  
 Cone, Maud.....Whitley, Ind.  
 Conner, Marie.....Hamilton, Ind.  
 Cooke, Rector L.....Union, Tenn.  
 Cottingham, Blonda.....  
     .....Tippecanoe, Ind.  
 Cox, Josephine B.....Benton, Ind.  
 Cox, Pearl.....LaPorte, Ind.  
 Camden, Amy.....Fountain, Ind.  
 Carl, Mary C. M.....Logan, Ill.  
 Carlin, Mary.....Lake, Ind.  
 Carlson, Gertrude.....St. Joseph, Ind.  
 Carlson, Minnie.....Lake, Ind.  
 Carpenter, Alice.....Muskogee, Okla.  
 Carroll, Francis T.....  
     .....Jo Davies, Ill.  
 Carroll, Myrtle.....Blackford, Ind.  
 Carter, Clemie C.....Pike, Ala.  
 Carver, Mildred.....Porter, Ind.  
 Case, Lorena M.....Fulton, Ill.  
 Chally, Mayme.....Kankakee, Ill.  
 Chapman, Lace.....Mingo, W. Va.  
 Chartier, Grace.....Porter, Ind.  
 Churchill, W. Roy.....Pope, Ill.  
 Cites, Geo.....LaPorte, Ind.  
 Clark, Bernice.....Newton, Ind.  
 Clark, Robt.....St. Louis, Mo.  
 Clark, R. W.....Fayette, Penna.  
 Clausen, H. C.....Starke, Ind.  
 Cline, Roy.....Carroll, Ind.  
 Clinton, Truman C.....Newton, Ind.  
 Close, Mamie.....St. Joseph, Ind.  
 Cramer, Fred W.....Marshall, Ind.  
 Cramer, William G.....Hamilton, O.  
 Cranston, C. M.....Guernsey, O.  
 Creamer, Chloe.....Warren, Ind.  
 Crider, Edith.....Franklin, Penna.  
 Crofts, Truman W.....Canada  
 Crocka, Minnie.....Kingfisher, Okla.  
 Cummins, Cleta W.....Marshall, Ind.  
 Curran, Hattie.....Little River, Ark.  
 Curry, Lesta.....Randolph, Ind.  
 Curtis, Deborah.....Richland, Ill.  
 Cushing, Lois.....LaPorte, Ind.  
 Cuyler, Stella.....Defiance, O.  
 Daggy, Wanda.....LaPorte, Ind.  
 Daley, Marie.....Cass, Ind.  
 Daniel, Emma.....Lawrence, O.  
 David, Clarence E.....  
     .....St. Francois, Mo.



- Davis, C. E....Little River, Ark.  
 Davis, W. G....Washington, Ind.  
 Day, Mary.....Webster, Ky.  
 Deardorf, Bertha M...Defiance, O.  
 Degner, Viola.....Pulaski, Ind.  
 Demaree, Glenn.....Ripley, Ind.  
 DePuy, Frances K.....Cook, Ill.  
 Dessmeier, Blanche..LaPorte, Ind.  
 DeTar, Marion D....Spencer, Ind.  
 Deweese, Earl.....Spencer, Ind.  
 Dickinson, Elizabeth.....  
                                   Oswego, N. Y.  
 Dille, Eva.....Kosciusko, Ind.  
 Dineen, Nora.....Lake, Ind.  
 Doan, Mabel.....Clinton, O.  
 Doherty, Marguerite.....  
                                   LaPorte, Ind.  
 Donner, F. P.....Green, Wis.  
 Dorrensberger, Edna.Tipton, Ind.  
 Dougherty, Georgia.....  
                                   Newaygo, Mich.  
 Douglas, Omar.....Gibson, Tenn.  
 Doty, Ira.....Lagrange, Ind.  
 Dudak, J. J.....Roane, Tenn.  
 Duncan, Carrie.....Graves, Ky.  
 Dustman, Otto Lomax.....  
                                   Stephenson, Ill.  
 Dye, Paul.....Porter, Ind.  
 Eaglehoff, Elva.....White, Ind.  
 Earing, Gladys F.....  
                                   Livingston, Ill.  
 Eaton, Eula.....Laporte, Ind.  
 Eckersly, Sadie.....Iroquois, Ill.  
 Eddinger, Helen L.....  
                                   Kosciusko, Ind.  
 Elam, Maud.....Lawrence, O.  
 Eldridge, Ivyl.....Cass, Ind.  
 Ellsworth, Laura..Sangamon, Ill.  
 Elzey, Dallas.....Adams, Ind.  
 Engles, May.....Cook, Ill.  
 English, Iva M.....White, Ind.  
 Erickson, Edna.....Porter, Ind.  
 Everington, John..Berrien, Mich.  
 Emerson, Mary.....Lake, Ind.  
 Fabing, Gertrude...Porter, Ind.  
 Fair, Marie.....St. Joseph, Ind.  
 Falvey, Mary.....Lake, Ind.  
 Fawcett, Bertha L....Floyd, Ind.  
 Feldman, Dora.....Jasper, Ind.  
 Felgar, Chloe.....St. Joseph, Ind.  
 Fendley, Robt. R...Johnson, Ind.  
 Finley, J. W.....Tipton, Ind.  
 Fischer, Alma.....LaPorte, Ind.  
 Fitzpatrick, Cleora.....  
                                   Sangamon, Ill.  
 Fleming, Clarence..Marshall, Ill.  
 Flint, Ethyl.....Rush, Ind.  
 Flint, Freda C.....Rush, Ind.  
 Follick, Clarence...Scott, Ind.  
 Ford, Olive.....Lake, Ind.  
 Forester, Pearl M...Fayette, Ill.  
 Forney, Edna.....Porter, Ind.  
 Fortune, Thomas...Spencer, Ind.  
 Frantz, Grant.....Wells, Ind.  
 Freemark, Mrs. E. C..Ottawa, O.  
 French, Robert...Cherokee, Iowa  
 Fritz, Marvin.....Cass, Ind.  
 Fryar, Mabel.....LaPorte, Ind.  
 Frybarger, Samuel..Howard, Ind.  
 Fuller, Arvilla.....Tipton, Ind.  
 Gagnon, E. J.....Iroquois, Ill.  
 Gardner, Willo.....LaPorte, Ind.  
 Garrison, Mary.....Porter, Ind.  
 Garver, Kathryn...Marshall, Ind.  
 Gay, Grace.....Porter, Ind.  
 Geddes, Julia.....Starke, Ind.  
 Gengelbach, Carl V...Perry, Ind.  
 George, Fannie..Shawnee, Kans.  
 Gergen, Phillip J.....  
                                   Washington, Wis.  
 Geyer, Claude.....St. Joseph, Ind.  
 Geyer, LaVerne...St. Joseph, Ind.  
 Gibson, Florence...Lucas, O.  
 Giles, Pearl.....Drew, Ark.  
 Gill, John B.....LaPorte, Ind.  
 Gillespie, Anna.....Rush, Ind.  
 Gillet, Esther.....LaPorte, Ind.  
 Ginder, Francis...Davies, Ind.  
 Guton, John F.....Lake, S. Dak.  
 Gladden, Claude M...Scott, Ind.  
 Gleason, Orla D....Jasper, Ind.  
 Glenn, Mamie.....Warren, Ind.  
 Glick, Gracie.....Fulton, Ind.  
 Goff, Marie.....Whitley, Ind.  
 Good, Fern.....Marshall, Ind.  
 Good, Wilbur M.....Shelby, Ind.  
 Goode, George.....Lincoln, W. Va.  
 Goodacre, May.....White, Ind.  
 Goodacre, Viola.....White, Ind.  
 Goodwin, Chester A...Coles, Ill.  
 Goppert, Theresa...Starke, Ill.  
 Gordon, Geneva.....Porter, Ind.  
 Gordon, Jessie...Van Buren, Ind.  
 Gordon, Winifred...Iroquois, Ill.  
 Gorrell, Alpha.....Allen, Ind.  
 Goshert, Bernice..Kosciusko, Ind.  
 Gott, Emma.....Porter, Ind.  
 Graham, E. N.....Stearns, Minn.  
 Graham, Rachel L.....  
                                   Henderson, Ill.  
 Grant, Aivazian.....Turkey  
 Greening, Anna...St. Joseph, Ind.  
 Gregory, D. L.....Attala, Miss.  
 Gregory, Mrs. D. L..Attala, Miss.  
 Greider, Esther...Noble, Ind.  
 Grischow, Esther..LaPorte, Ind.  
 Grisson, Ben.....Cumberland, Ill.  
 Greenberg, James D.....  
                                   Argentine, S. A.  
 Guffey, Edward.....Fayette, Ill.  
 Hagen, Ross.....Newton, Ind.  
 Haggard, Lela.....Clark, Ky.  
 Hall, Daniel.....Manatee, Fla.  
 Heale, Mary A...Switzerland, Ind.  
 Haller, Vadna.....LaPorte, Ind.  
 Hammell, Ruth.....Adams, Ind.  
 Hardman, Iva.....St. Joseph, Ind.  
 Hardy, Mary.....St. Joseph, Ind.  
 Harness, Mamie M..LaPorte, Ind.  
 Harper, Ruth.....Noble, Ind.  
 Harrell, James...Kiowa, Okla.  
 Hatch, Lucy.....Lake, Ind.  
 Haynes, Clyde.....Spencer, Ind.  
 Heaton, Joseph...Olmstead, Minn.  
 Hedgpeth, Elsie P...Fayette, Ill.  
 Heimlich, Hilda.....White, Ind.

- Hemphill, Edward A. . . . Berry, Ind.  
 Hemstock, Lola . . . . . Porter, Ind.  
 Henderson, Leroy . . . . . Hamilton, Ind.  
 Hennon, Margaret S. . . . Fayette, Ill.  
 Henry, A. W. . . . . Fulton, Ky.  
 Hermann, Bert. . . . . Vanderburg, Ind.  
 Herm, Irving . . . . . Sergeant, N. D.  
 Herricks, Glenn . . . . . Warren, Ind.  
 Hess, Alma . . . . . Lake, Ind.  
 Hibner, Ami . . . . . Berrien, Mich.  
 Hick, Edward . . . . . Cass, Ind.  
 Hickner, F. P. . . . . Tipton, Ind.  
 Hienz, Simon . . . . . Lake, Ind.  
 Higgins, Eva M. . . . . Brown, Ill.  
 Hilliker, Mable . . . . . Kankakee, Ill.  
 Hinman, Stella . . . . . Erie, Penna.  
 Hixon, Hazel . . . . . LaPorte, Ind.  
 Hockett, Edna Lee . . . . . Porter, Ind.  
 Hoddlestein, Ona . . . . . Jasper, Ill.  
 Hoffer, Charles R. . . . . Starke, Ind.  
 Holdren, Estelle . . . . . Washington, O.  
 Holloway, Mildred E. . . . . Knox, Ill.  
 Holloway, Ray . . . . . Williamson, Ill.  
 Holt, Bradley . . . . . Calloway, Ky.  
 Homfeld, Minnie R. . . . . Porter, Ind.  
 Hood, Russell E. . . . . Carroll, Ind.  
 Hooker, Elsie . . . . . Vermillion, Ind.  
 Hoover, Edgar . . . . . Marshall, Ind.  
 Hopper, Marshall . . . . . Fleming, Ky.  
 Horn, Peter . . . . . Noble, Okla.  
 Houchins, Jno. C. . . . . Mercer, W. Va.  
 Houghton, Libby . . . . . Kankakee, Ill.  
 Honk, Grace . . . . . Dekalb, Ind.  
 House, F. R. . . . . Porter, Ind.  
 Hubbard, Jennie . . . . . Polk, Ga.  
 Hubrig, Martin . . . . . Sheboygan, Wis.  
 Hulse, F. W. . . . . Ralls, Mo.  
 Hunt, Chas. G. . . . . LaPorte, Ind.  
 Hutton, Clara . . . . . Jasper, Ind.  
 Jackson, Homer . . . . . Whitley, Ind.  
 James, Helen . . . . . Whitley, Ind.  
 James, Lennie . . . . . Tippecanoe, Ind.  
 Jenkins, Von . . . . . Kosciusko, Ind.  
 Jensen, Tom . . . . . Cook, Ill.  
 Johnson, Gladys . . . . . LaPorte, Ind.  
 Johnson, Walter . . . . . LaSalle, Ill.  
 Johnston, Floyd . . . . . Porter, Ind.  
 Jones, Clifford M. . . . . Allen, Ind.  
 Jones, Lenora . . . . . Rush, Ind.  
 Jungjohan, Lillian . . . . . Porter, Ind.  
 Keilman, Alma M. . . . . Lake, Ind.  
 Keller, Carrie . . . . . Fulton, Ind.  
 Kelley, Alta . . . . . Wood, O.  
 Kemper, Minnie . . . . . Newton, Ind.  
 Krogh, Theodas . . . . . Cook, Ill.  
 Kepler, L. S. . . . . Jennings, Ind.  
 Kern, Gladys . . . . . Adams, Ind.  
 Kerner, Florence L. . . . .  
 . . . . . St. Joseph, Ind.  
 Kigin, Leo S. . . . . Tipton, Ind.  
 Kilburn, Verdie M. . . . . Parke, Ind.  
 Kingman, Loyde E. . . . . Starke, Ind.  
 Kincaid, Frankie Lee . . . . .  
 . . . . . LaPorte, Ind.  
 Kintsele, Claire . . . . . LaPorte, Ind.  
 Kirkland, Helen . . . . . Spencer, Ind.  
 Knapp, Della . . . . . Jasper, Ind.  
 Knapp, Nell V. . . . . Jasper, Ind.  
 Knox, Verna L. . . . . Whiteside, Ill.  
 Koller, Florence . . . . . Otter Tail, Minn.  
 Koster, R. O. . . . . Lake, Ind.  
 Krieger, Zella . . . . . Porter, Ind.  
 Krueger, Pauline . . . . . LaPorte, Ind.  
 Kruger, Anna . . . . . Starke, Ind.  
 Kruse, Mrs. Bertha . . . . .  
 . . . . . LaGrange, Ind.  
 Kuehner, Theo. . . . . Sheboygan, Wis.  
 Kundert, E. H. . . . .  
 . . . . . McPherson, S. Dak.  
 Lafer, Lucretia . . . . . Lucas, O.  
 LaFlore, Iva . . . . . Marshall, Ind.  
 Lake, Ebba . . . . . Grant, Minn.  
 Lakin, Eva . . . . . Warren, Ind.  
 Lambert, Nettie . . . . . Benton, Ind.  
 Lankenau, Lulu . . . . . Adams, Ind.  
 Larson, Mrs. R. Jeanette . . . . .  
 . . . . . Freeborn, Minn.  
 Laughlin, Ed. . . . . Adams, Ind.  
 Lautsbaugh, Edith . . . . . Richland, O.  
 Leathers, Roscoe . . . . . Hamilton, Ill.  
 Leavitt, Velva . . . . . Kosciusko, Ind.  
 LeDezky, Mabella . . . . . Kankakee, Ill.  
 Lehker, Nora E. . . . . LaPorte, Ind.  
 LeMasters, Ruth . . . . . Newton, Ind.  
 Lenhart, Velma C. . . . . Adams, Ind.  
 Leonhard, Clara E. . . . . Marshall, Ind.  
 LeRoy, Nora . . . . . Kankakee, Ill.  
 Lewis, Ella . . . . . Porter, Ind.  
 Lewis, Esther . . . . . Marshall, Ind.  
 Lewis, Florence . . . . . Berks, Penna.  
 Lewis, Mabel . . . . . Porter, Ind.  
 Lewis, Vada . . . . . Van Wert, O.  
 Lieberman, Hyman . . . . . Kings, N. Y.  
 Lingard, John T. . . . . LaPorte, Ind.  
 Link, Amelia . . . . . Spencer, Ind.  
 Lisanby, Rufus . . . . . Hopkins, Ky.  
 Llewellyn, S. B. . . . . Cass, Ind.  
 Loane, Myrtle . . . . . St. Joseph, Ind.  
 Long, Cleo . . . . . Pulaski, Ind.  
 Long, Grace . . . . . Porter, Ind.  
 Long, Hester . . . . . Adams, Ind.  
 Loucks, Gertrude A. . . . . Carroll, Ind.  
 Love, Edith M. . . . . Lake, Ind.  
 Lynch, Sophye . . . . . Madison, Ill.  
 McAfee, L. O. . . . . Hancock, Tenn.  
 McAlpin, Ruth . . . . . Porter, Ind.  
 McClintic, Eunice . . . . . White, Ind.  
 McCloud, Fred . . . . . White, Ind.  
 McCloud, Walter . . . . . Cass, Ind.  
 McConnell, Leona . . . . . Whitley, Ind.  
 McCormack, Marshall . . . . .  
 . . . . . Jackson, Ill.  
 McCreary, Blanche . . . . . St. Joseph, Ind.  
 McCuen, Frank . . . . . Berrien, Mich.  
 McCutcheon, Jean . . . . . Wright, Iowa  
 McDonnell, P. F. . . . . Cuyahoga, Ohio  
 McFarland, Joy . . . . . Claiborne, La.  
 McGuff, Earle . . . . . Marshall, Ind.  
 McIlrath, Wm. R. . . . . Bond, Ill.  
 McIntosh, W. E. . . . . Warren, Ind.  
 McLaughlin, Effie . . . . . Tipton, Ind.  
 Magruder, E. L. . . . . Jefferson, W. Va.  
 Maiben, Maude . . . . . Vernon, Wis.  
 Maloney, Marie . . . . . Jasper, Ind.  
 Marks, Maude I. . . . . Marshall, Ind.  
 Marsden, Fern . . . . . Porter, Ind.



Marsh, Forest.....	Starke, Ind.	Piepho, Ora.....	Lake, Ind.
Marsh, Grace.....	LaPorte, Ind.	Pinkerton, Earl.....	Huntington, Ind.
Martin, Cecile.....	White, Ind.	Pinkerton, Ethel.....	LaPorte, Ind.
Martin, Holmes.....	Porter, Ind.	Pinney, Dorothy.....	Porter, Ind.
Martin, Laura.....	Lake, Ind.	Plake, Elfa.....	Tipton, Ind.
Martin, Ramona.....	LaPorte, Ind.	Poole, Grace.....	Benton, Ind.
Martin, Wilford.....	Fayette, Penna.	Pope, Gladys.....	Iroquois, Ill.
Matheny, Harriet.....	Porter, Ind.	Potter, Clark R.....	Cook, Ill.
Mathias, Mabel A.....	LaPorte, Ind.	Preston, J. C.....	Floyd, Ky.
Meadows, Roy N.....	Walworth, Wis.	Priddy, Laura.....	Will, Ill.
Meng, Kathryn I.....	St. Clair, Ill.	Prior, Hiram.....	Pulaski, Ind.
Meredith, Erma.....	Kosciusko, Ind.	Quinlan, Anna G.....	St. Joseph, Ind.
Meyer, Oral H.....	Wells, Ind.	Pritchard, Olwen.....	Lake, Ind.
Meyers, Celia.....	Jasper, Ind.	Pyatt, Roy.....	Fayette, Ill.
Miller, Carl.....	Shelby, Ind.	Rachow, Tipmer.....	Bond, Ill.
Miller, Kathryn.....	St. Joseph, Ind.	Rader, Grace A.....	Mercer, Ill.
Miller, Wallace.....	Jasper, Ind.	Rader, Opal B.....	Mercer, Ill.
Mills, Opal.....	Knox, Ill.	Raney, Albert.....	Daviess, Ind.
Miner, Mrs. Carrie.....	LaPorte, Ind.	Rayl, Roy.....	Tipton, Ind.
Miner, Mont.....	Iroquois, Ill.	Ream, Ruth.....	Pulaski, Ind.
Molitor, Fred W.....	Herkimer, N. Y.	Reckard, Vivian.....	Ottawa, Mich.
Montgomery, Earl.....	Gibson, Ind.	Ridell, Mabel.....	Clearfield, Pa.
Montgomery, H. R.....	Lincoln, Miss.	Reid, Eula.....	Carroll, Ga.
Moon, Howard.....	St. Joseph, Ind.	Reid, N. H.....	Carroll, Ga.
Moore, Hazel.....	Luzerne, Penna.	Reimer, Helen.....	Porter, Ind.
Moorman, Carrie.....	Rush, Ind.	Rensen, James E.....	Cuyahoga, Ohio
Morgan, Edna.....	Porter, Ind.	Rensberger, Rachel.....	Cass, Ind.
Morris, Estella.....	Decatur, Ind.	Rennewanz, Meta.....	Starke, Ind.
Morris, Roland L.....	Cook, Ill.	Richardson, W. M.....	Union, Ill.
Morse, Mildred.....	Tippecanoe, Ind.	Rickard, Charles C.....	Washington, Ind.
Matt, Margaret.....	Hamilton, Ind.	Rickenbaker, R. E.....	Bartow, Ga.
Munro, Maud.....	Cambria, Penna.	Riordan, John.....	Sawyer, Wis.
Murphy, Glenn.....	Shelby, Ind.	Roach, Ruth.....	Fountain, Ind.
Nance, Miles S.....	Shelby, Ill.	Robertson, G. Anna.....	Faribault, Minn.
Neal, Irl.....	Cumberland, Ill.	Robertson, Maude.....	Johnson, Ill.
Needham, Elza.....	Jasper, Ill.	Rockwell, Fleda.....	Starke, Ind.
Nelson, Bessie.....	Lake, Ind.	Rodenberg, Clara.....	Jackson, Ind.
Nelson, Eleanor M.....	White, Ind.	Rogers, Asa F.....	Scott, Ind.
Nelson, Lillian.....	Mercer, Ill.	Rohlof, Anna.....	Pulaski, Ind.
Nelson, Mattie L.....	Mercer, Ill.	Rolston, May.....	Murray, Ia.
Nelson, Pernella.....	Manistee, Mich.	Ropp, Myrl.....	Shelby, Ind.
Nelson, Laura.....	Cook, Ill.	Rosenzweig, Eugene.....	N. Y., N. Y.
Newman, Mabel.....	LaPorte, Ind.	Rotering, Edw.....	Buffalo, Wis.
Nickels, Mary V.....	Vanderburg, Ind.	Roth, Sarah.....	Allen, Ind.
Niece, William.....	Jay, Ind.	Rowe, Hornet.....	Lucas, O.
Nield, Marjorie.....	Warren, Miss.	Rudiger, Foster A.....	Bureau, Ill.
Nield, Zaidee.....	Warren, Miss.	Rumbach, Clara.....	Dubois, Ind.
Norris, Lucile.....	St. Joseph, Ind.	Ruple, John R.....	Lake, Ind.
Oser, August.....	Whitley, Ind.	Sage, George.....	Jasper, Ind.
Osgathorp, Harland.....	Pike, Ind.	Sayers, Mrs. Ella.....	Porter, Ind.
Owens, Ona.....	Johnson, Ind.	Saylor, L. D.....	Williams, Ohio
Page, Myrtle.....	Allen, Ind.	Scheiber, H. J.....	Huntington, Ind.
Parish, M. N.....	Madison, Ala.	Schlademan, Lois.....	White, Ind.
Park, Emma.....	Newton, Ind.	Schneider, Raymond R.....	Cass, Ind.
Parsell, Chas.....	Steuben, Ind.	Schaff, L. P.....	Lake, Ind.
Parsons, Leah.....	Marshall, Ind.	Schreiber, Claudia.....	Lake, Ind.
Patch, Bessie.....	Starke, Ind.	Schultz, Leonard.....	Kankakee, Ill.
Patrick, Edna.....	Starke, Ind.	Schulze, Walter.....	Cook, Ill.
Patrick, Edna C.....	Perry, Ind.	Shurr, Dorothea.....	Marshall, Ind.
Paulson, Lillian.....	Dawson, Mont.	Schwartz, R. Plato.....	Jay, Ind.
Peirce, Margaret.....	Porter, Ind.	Scott, Esta V.....	Johnson, Ind.
Pence, Opal.....	Tipton, Ind.	Scott, Iva B.....	Marshall, Ind.
Peregrine, Moore M.....	Porter, Ind.	Scott, Tillie.....	Marshall, Ind.
Perkins, Mrs. L. A.....	Porter, Ind.	Seibel, Fern.....	Bureau, Ill.
Pensner, Anna.....	Cook, Ill.	Sell, Fred.....	Newton, Ind.
Pfaffman, Emma.....	Noble, Ind.	Shaw, Lois E.....	Marshall, Ind.
Phillips, Mary.....	Tipton, Tenn.		
Pickering, Gladys.....	White, Ind.		



- Shearer, Bliss.....Lake, Ind.  
 Sheets, Orpha.....Adams, Ind.  
 Sheldon, Nettie L. ....Richland, Wis.  
 Sheridan, Stephen....DeKalb, Ill.  
 Sherlock, J. B. ....St. Louis, Mo.  
 Shipman, Hazel.....Fayette, Ill.  
 Shirley, S. M. ....Clarke, Miss.  
 Shook, Cecile.....White, Ind.  
 Short, Carrie E. ....Jasper, Ind.  
 Short, Pansy L. ....LaPorte, Ind.  
 Siebring, Garrett B. ....Adams, Ill.  
 Sims, James.....Clay, Ill.  
 Sisk, Harry C. ....Logan, Ill.  
 Skovholt, H. T. ....Porter, Ind.  
 Smith, Arthur.....Macomb, Mich.  
 Smith, Clem.....Crawford, Ill.  
 Smith, Ethel R. ....Pulaski, Ind.  
 Smith, Grace E. ....Allen, Ind.  
 Smith, Henrietta....Elkhart, Ind.  
 Smith, H. J. ....East Feliciana, La.  
 Smith, Kelso C. ....Harrison, Ind.  
 Smith, Mae.....Marshall, Ind.  
 Smith, Ray F. ....Carroll, Ind.  
 Smith, Vera Alice...LaPorte, Ind.  
 Smith, Virginia...Brazonia, Texas  
 Southworth, Emily....Lake, Ind.  
 Spencer, Essie.....White, Ind.  
 Spencer, Gail.....White, Ind.  
 Sproul, Faith.....Tuscarawas, O.  
 Stallings, Perry....Berrien, Ga.  
 Starkey, S. T. ....Jefferson, Ark.  
 Steele, Ray W. ....Warren, Ind.  
 Stein, Mary M. ....McHenry, Ill.  
 Stephenson, Bonnie..Starke, Ind.  
 Stephenson, Gladys.....  
     .....Washington, Ind.  
 Stevens, Bruce.....Newton, Ind.  
 Stevens, Mayme.....Licking, O.  
 Stewart, Murriel....Posey, Ind.  
 Stoner, Lillie.....LaPorte, Ind.  
 Stoner, Miss Mert....Allen, Ind.  
 Stratton, Helen.....Lake, Ind.  
 Strom, Hazel.....Lake, Ind.  
 Stuart, Frank.....Cass, Ind.  
 Stutsman, Dora.....Starke, Ind.  
 Taylor, Goldie.....LaPorte, Ind.  
 Taylor, L. D. ....Williams, O.  
 Taylor, May.....LaPorte, Ind.  
 Terrell, Millard..Washington, Ind.  
 Thiede, William.....  
     .....Shiawassee, Mich.  
 Thomas, Dorothy....Lake, Ind.  
 Thompson, G. H. ....Lake, Ind.  
 Thompson, Lula.....Tipton, Ind.  
 Tibbitts, Cora M....York, Maine  
 Tiedt, Esther.....LaPorte, Ind.  
 Tillett, Gladys.....White, Ind.  
 Timmons, Marie....Porter, Ind.  
 Tobias, Estella....Jennings, Ind.  
 Todd, Beatrice.....Lake, Ind.  
 Todd, T. E. ....Laurens, S. Car.  
 Tomer, Nellie A....Sangamon, Ill.  
 Torrance, Howard H.....  
     .....Switzerland, Ind.  
 Traven, Alexander..Oconto, Wis.  
 Trough, Gertrude..Washington, O.  
 Tuomela, Charlie..Houghton, Mich.  
 Tuttle, Lucius.....Will, Ill.  
 Ummer, Fred W....Franklin, Miss.
- Vail, Ethel.....LaPorte, Ind.  
 Van Kirk, Carrie C..Fulton, Ind.  
 Van Swearingen, Harry.....  
     .....Fayette, Pa.  
 Vawter, Raymond....Knox, Ill.  
 Vennesland, Ragna..Alta, Canada  
 Vibrans, Ruth A....Lincoln, Wyo.  
 Vollmer, Barbara....Grundy, Ill.  
 Wachsmann, Mrs. A. E.....  
     .....Ripley, Ind.  
 Wagapoff, H. ....Russia  
 Wagner, Nellie....Stephenson, Ill.  
 Wagoner, Grace....Wright, Iowa  
 Walker, J. L. ....Wells, Ill.  
 Walker, Sarah.....Whitley, Ind.  
 Wallace, Ida.....Aurora, S. Dak.  
 Walter, Deshaia....Porter, Ind.  
 Walters, Everett....Perry, Ind.  
 Walther, Roy A.....Pope, Ill.  
 Wampler, R. Lee.....  
     .....Bottineau, N. Dak.  
 Warrick, Madie.....Porter, Ind.  
 Waymire, Grace....Jasper, Ind.  
 Waymire, William....White, Ind.  
 Weber, John H.....Dubois, Ind.  
 Weems, Charles....Porter, Ind.  
 Weimer, Dean H....Wayne, Ohio  
 Weller, E. C. ....Spencer, Ind.  
 Welsh, Bernadette..Newton, Ind.  
 Wenstroth, Ella.....  
     .....Vanderburgh, Ind.  
 Whisenhunt, W. M....Caddo, La.  
 White, B. D. ....Campbell, Ky.  
 White, Lucy.....Warren, Ind.  
 White, Martha.....Porter, Ind.  
 White, Nellie.....Porter, Ind.  
 Whitecotton, Walter..Boone, Ind.  
 Wicker, Clara.....Hamilton, Ind.  
 Wilkes, C. Leonidas...Rush, Ind.  
 Williams, Carrie....Porter, Ind.  
 Williams, Ella.....Allamakee, Ia.  
 Williams, Estelle....Ida, Iowa  
 Williams, Maud.....Porter, Ind.  
 Williamson, Raymond.Porter, Ind.  
 Willoughby, June....Fulton, Ind.  
 Wills, Ethel.....LaPorte, Ind.  
 Willson, Florence..LaPorte, Ind.  
 Wilson, Arthur.....Porter, Ind.  
 Wischaupt, Howard J.....  
     .....Adams, Ind.  
 Wolfe, Clara B....Seward, Nebr.  
 Wolfe, Floyd E.....Cass, Ind.  
 Wood, Myrle.....Porter, Ind.  
 Wood, Oscar.....Bond, Ill.  
 Wooden, Russell B....White, Ind.  
 Worthington, J. Edgar.....  
     .....Porter, Ind.  
 Wright, Nada I....LaPorte, Ind.  
 Yates, A. S. ....Carter, Ky.  
 Young, Allen G....Spencer, Ind.  
 Young, Mrs. Allen..Spencer, Ind.  
 Young, Florence....Porter, Ind.  
 Young, Gladys.....Porter, Ind.  
 Young, Henrietta...Spencer, Ind.  
 Zaring, Ina.....Scott, Ind.  
 Zartman, Russell....Carroll, Ind.  
 Zihlman, Margaret.Henry, Iowa  
 Zink, Blanche....Marshall, Ind.



## DEPARTMENT OF KINDERGARTEN METHODS.

## Graduates of 1912.

Abrams, Miriam G.....	Lyons, Ruth A.....
.....Champaign, Ill.	.....Cook, Ill.
Burns, Carlene.....	Martz, Ruth M.....
.....Hamilton, O.	.....Pennington, Minn.
Campbell, Ada B.....	Rymol, Gladys.....
.....Portage, O.	.....Marinette, Wis.
Chidester, Minnie C.....	Von Fuerstenberg, Marie.....
.....Starke, Ind.	.....Cook, Ill.
Lilly, Eva C.....	Weber, Dora E.....
.....Kankakee, Ill.	.....Stark, Ohio
Lodermeier, Anna E.....	Williams, Frances.....
.....Morrison, Minn.	.....Randolph, Ind.

## Class of 1912-1913.

Agar, Frances.....	Little, Alfred.....
.....Chippewa, Mich.	.....Canada
Aiken, Georgia.....	McGillvray, Luella.....
.....Cook, Ill.	.....Iroquois, Ill.
Alderson, Thyra.....	McGregor, Laura.....
.....DuPage, Ill.	.....Waupaca, Wis.
Apple, Florence R.....	MacCoach, George.....
.....Crawford, Ill.	.....Buffalo, N. Y.
Archer, Mayme.....	Main, Hattie.....
.....Porter, Ind.	.....Floyd, Ind.
Baker, Garcia.....	Mann, Ruby.....
.....Cook, Ill.	.....Lake, Ind.
Beckley, Elizabeth.....	Martin, Ethel.....
.....Cass, Ind.	.....Mercer, Penna.
Biddle, Elmer J.....	Merriam, Mae.....
.....Montgomery, Ind.	.....Eaton, Mich.
Blackwood, Jimmie.....	Miller, Lillian.....
.....Will, Ill.	.....Iroquois, Ill.
Blanchette, Marie.....	Murphy, Hazel.....
.....Kankakee, Ill.	.....Pulaski, Ind.
Blue, Leah.....	Nelson, Billee.....
.....Kosciusko, Ind.	.....Walworth, Wis.
Briggs, Elizabeth.....	Nelson, Lillian.....
.....Shelby, Tenn.	.....Mercer, Ill.
Brown, Clara M.....	Orenbaum, Maggie.....
.....Waukesha, Wis.	.....Hill, Texas
Butler, Ella.....	Padgett, Mabel B.....
.....Whitley, Ind.	.....Warrick, Ind.
Carlson, Esther.....	Parker, Catherine.....
.....Manistee, Mich.	.....Washington, Minn.
Carlson, Minnie.....	Patillo, Dora.....
.....Lake, Ind.	.....Autauga, Ala.
Carver, Mildred.....	Pennanen, Peter.....
.....Porter, Ind.	.....Houghton, Mich.
Chapman, Mae.....	Perry, Blanche.....
.....Ashtabula, O.	.....Will, Ill.
Cone, Maude.....	Reed, Beulah.....
.....Whitley, Ind.	.....Carroll, Ga.
Connor, Marie.....	Reynolds, Pearl.....
.....Hamilton, Ind.	.....Niagara, N. Y.
Dennison, Blanche.....	Rogge, Martha.....
.....LaPorte, Ind.	.....Cook, Ill.
Doty, Clara F.....	Russell, Josephine.....
.....Edwards, Ill.	.....Cook, Ill.
Dustin, Carmie.....	Saylor, Grace E.....
.....Defiance, O.	.....Richardson, Nebr.
Ebbinghaus, Ada.....	Schuster, Laura.....
.....Wabash, Ind.	.....Pennington, S. D.
Engerson, J. E.....	Sebring, Edith.....
.....Ionia, Mich.	.....Lake, Ill.
Fall, Edna.....	Shafmayer, Ruth.....
.....LaPorte, Ind.	.....Davies, Ill.
Fischbach, Arthur.....	Shaw, R. C.....
.....Marion, Ill.	.....Marshall, Ind.
Flohrer, Jean M.....	Sherer, Bliss.....
.....Lee, Iowa	.....Lake, Ind.
Freeburg, Ethel.....	Shirley, Grace.....
.....Menominee, Mich.	.....Lake, Ind.
Gerhardt, Mabel.....	Simpson, Mabel.....
.....DeKalb, Ill.	.....Fergus, Mont.
Glenn, Mayme.....	Smith, Francis.....
.....Newton, Ind.	.....Whitley, Ind.
Gordon, Mrs. Dona.....	Spencer, Essie.....
.....Clark, Mo.	.....White, Ind.
Grove, Elizabeth.....	Spencer, Gail.....
.....Kosciusko, Ind.	.....White, Ind.
Hansen, Bernard.....	Tanner, J. R.....
.....Manitowoc, Wis.	.....Marshall, Ind.
Helm, Lois C.....	Valderrama, Thomas.....
.....Allegan, Mich.	.....Mexico
Hess, Alma.....	Vibrans, Ruth.....
.....Lake, Ind.	.....Lincoln, Wyo.
Hiler, Everett.....	Vincent, Bertha.....
.....Whitley, Ind.	.....St. Joseph, Ind.
Hilliker, Mabel.....	Wagoner, Nellie.....
.....Kankakee, Ill.	.....Stevenson, Ill.
Hubbard, Jennie.....	Walker, Carlee.....
.....Polk, Ga.	.....Gibson, Tenn.
Humane, Stella.....	Weiss, Agnes.....
.....Erie, Penna.	.....Ashtabula, O.
Humeau, Adele.....	Whelpley, Elaine.....
.....Porter, Ind.	.....Ashtabula, O.
Hustad, Selma.....	White, Dorris.....
.....Green, Wis.	.....Lake, Ind.
Inman, Emma.....	White, Francis.....
.....Jackson, Ohio	.....Sangamon, Ill.
Johnson, Harry V.....	Whitehurst, Fay.....
.....Scott, Iowa	.....Carter, Okla.
Judkins, Muriel.....	Wood, L. S.....
.....Knox, Mo.	.....Wabash, Ill.
Lager, Troy.....	Woodis, Mary.....
.....Franklin, Ill.	.....Blue Earth, Minn.
Lawrence, Emma.....	Zyp, Catherine.....
.....Canada	.....Lake, Ind.

## DEPARTMENT OF PRIMARY METHODS.

## Graduates of 1912.

Benedict, Bessie R....Barry, Mich.	Knight, Eva M..Chautauqua, N. Y.
Bowers, Beatrice....DeKalb, Ind.	Logan, Lottie B....Marshall, Ind.
Broker, Adelaide..Morrison, Minn.	Martin, Helen P.....Porter, Ind.
Buzzell, Althea M.....Cook, Ill.	Meeks, Grace.....Delaware, Ind.
Campbell, Ada B...Portage, Ohio	Olds, Nellie C.....Pulaski, Ind.
Cast, Susanna.....Grant, Ind.	Pew, Edna A.....Cascade, Mont.
Fail, Edna Alice...LaPorte, Ind.	Schafmayer, Ruth G.....
Fletsam, Imelda...Morrison, Minn.	.....Jo Daviess, Ill.
Fink, Maud.....Marshall, Ind.	Steunkel, Lydia.....Will, Ill.
Hemstock, Lola H....Porter, Ind.	Trainor, Sarah V.....
Howell, Ellen Lottie.....	.....Bottineau, N. Dak.
.....Faribault, Minn.	Wright, Jane.....Dallas, Texas
Johnston, Florence E....Ogle, Ill.	

## Class of 1912-1913.

Agar, Frances...Chippewa, Mich.	Lawrence, Emma M.....Canada
Alderson, Thyra....DuPage, Ill.	Link, Amelia.....Spencer, Ind.
Alvey, Maude E....Benton, Ind.	Lodermeier, Anna.....
Archer, Mamie.....Porter, Ind.	.....Morrison, Minn.
Barber, Josephine.....	Lucas, Gertrude....Gibson, Ind.
.....Birmingham, Ala.	McGregor, Laura F.....
Beckman, Irene.....Cook, Ill.	.....Waupaca, Wis.
Blanchette, Marie C.....	Main, Hattie.....Floyd, Ind.
.....Kankakee, Ill.	Martin, Ethel L...Mercer, Penna.
Briggs, Elizabeth..Shelby, Tenn.	Matheny, Harriet...Porter, Ind.
Burrowes, Alma...St. Croix, Wis.	Miller, Lillian L....Iroquois, Ill.
Carlson, Esther A.....	Murphy, Hazel.....Pulaski, Ind.
.....Manistee, Mich.	Musselman, Cecile...White, Ind.
Chapman, May....Ashtabula, O.	Orenbaum, Mrs. M. A..Hill, Texas
Clark, Minerva....Gibson, Ind.	Oswald, Dora.....Bond, Ill.
Coddington, E. N.....	Pattillo, Eudora....Autauga, Ala.
.....Fayette, Penna.	Perry, Blanche.....Will, Ill.
Comstock, Anna....Porter, Ind.	Peterson, Etna.....Carroll, Ind.
Deal, Carma.....Wabash, Ind.	Peterson, Ina....Marinette, Wis.
Deardorf, Nellie B..Defiance, O.	Puhakka, Freda...Fremont, Wyo.
de la Rosa, Ricardo.Philippine Is.	Rogge, Martha.....Cook, Ill.
Dessmeier, Blanche.LaPorte, Ind.	Sebring, Edith.....Bureau, Ill.
Dragoo, Elsie M....Gibson, Ind.	Shirley, Grace.....Lake, O.
Dustin, Carmie A....Defiance, O.	Smith, Lula.....Tattnall, Ga.
Ebbinghaus, Ada..Wabash, Ind.	Speck, Marie.....Gibson, Ind.
Elder, Maude..Clearfield, Penna.	Stevens, Mayme....Licking, O.
Fowler, Helen R...Ravalli, Mont.	Swafford, Hazel..Kalkaska, Mich.
Gillespie, Myrtle.....Bond, Ill.	Vibrans, Ruth A...Lincoln, Wyo.
Hershner, Cora V...Morrow, Ohio	Vincent, Bertha..St. Joseph, Ind.
Hess, Alma.....Lake, Ind.	Walker, Carlee....Gibson, Tenn.
High, Cora.....Carroll, Ind.	Wanzer, Lottie....Trumbull, O.
Hubbard, Jennie.....Polk, Ga.	Wein, Forrest.....Allen, Ohio
Huffman, Ruth.....White, Ind.	Wein, Lois.....Allen, Ohio
Humeau, Adele.....Porter, Ind.	Wheelwright, Edna L..Henry, Ill.
Hustad, Selma.....Green, Wis.	Whelpley, Allene...Ashtabula, O.
Inman, Emma.....Jackson, O.	White, Frances....Sangamon, Ill.
Jimenez, Bernardo.....Mexico	Whitehurst, Foy....Carter, Okla.
Jones, Ethel.....Wood, W. Va.	Zihlman, Marie.....Henry, Iowa
Kershaw, Jessie....Fayette, Iowa	



## DEPARTMENT OF PENMANSHIP.

Allen, Ernest E....	Cascade, Mont.	Hershey, W. C....	Blackford, Ind.
Barnard, Ralph O....	Saginaw, Mich.	Hoffmeier, F. L.....	Pulaski, Ill.
Barnes, Chester.....	Fulton, Ky.	Horton, Harry H....	LaPorte, Ind.
Barnes, Ernest.....	Fulton, Ky.	Hutton, Clara.....	Jasper, Ind.
Barnett, H. J....	Harrison, W. Va.	Jankauskas, Z.....	Essex, Mass.
Batterman, Louis.....	Canada	Jensen, Westie.....	Polk, Minn.
Beasley, Georgia....	Vermillion, Ill.	Johnson, Walter....	LaSalle, Ill.
Bell, Elizabeth....	Clearfield, Penna.	Johnston, Lee.....	McHenry, Ill.
Boynum, Andrew J.....	.....	Kendall, D. H.....	Harris, Texas
.....	Ottertail, Minn.	Kisner, Roy.....	Crawford, Ill.
Brown, Jas. E.....	Madison, Mont.	Larson, Leonard....	Columbia, Wis.
Buck, M. K.....	Clinton, Ind.	Locke, E. H.....	Cable, W. Va.
Calhoon, J. W.....	Howell, Mo.	Luttig, Alvina.....	Richland, Wis.
Cook, Edith.....	Kankakee, Ill.	McDade, Clint.....	Taney, Mo.
Cook, Sylvia.....	Kankakee, Ill.	Niemi, Matt.....	Houghton, Mich.
Culbertson, Willard.....	.....	Offenhauer, J. R....	Shoshone, Idaho
.....	Livingston, N. Y.	Oxley, M. E.....	Park, Ind.
Darling, J. L.....	Pacific, Wash.	Pederson, Emil.....	Clay, Minn.
Davis, F. J.....	Kane, Ill.	Rendon, Frank.....	Mexico
Denston, Noble G....	Decatur, Ind.	Rimkus, Peter.....	Cook, Ill.
Dill, Chester.....	Allen, Ohio	Ritger, Aug. J.....	Marathon, Wis.
Doty, R. I.....	LaGrange, Ind.	Shaffer, W. J.....	Venango, Penna.
Dyer, Fred R....	Pendleton, W. Va.	Smith, Marion.....	Conejas, Colo.
Dixel, A. J.....	Cook, Ill.	Snavelly, R. K....	Dauphin, Penna.
Edmiston, Emma....	Moultrie, Ill.	Spargo, S. T.....	Bedford, Penna.
Erickson, T.....	Renville, N. D.	Syverson, Minnie....	Eau Claire, Wis.
Feller, J. C.....	Iowa, Iowa	Taylor, E. R....	Lycoming, Penna.
Finfrock, Ruth....	Fergus, Mont.	Thompson, Floyd....	Pierce, Wis.
Friesz, Ralph.....	Norton, N. D.	Ward, Mary.....	White, Ind.
Goff, W. A.....	Davis, Ky.	Weidenkopf, Mae....	Sauk, Wis.
Green, Paul.....	Franklin, O.	Weiss, L. H.....	Jackson, Minn.
Gregorich, Jake....	Houghton, Mich.	Westcott, Maude....	Cook, Ill.
Hagemann, W. G....	Bremer, Iowa	Whisenhunt, R. P....	Caddo, La.
Harrell, James.....	Keowa, Okla	Wiggins, B. C.....	Parish, La.
Harris, D. V.....	Amelia, Va.	Williams, Chester....	Canada
Harper, Grant....	Pendleton, W. Va.	Williams, Opal.....	Porter, Ind.
Haupt, Lulu.....	Warren, Ind.	Wyllie, John.....	Livingston, Ill.
Herala, J. H....	Marquette, Mich.	Young, C. A.....	Clearfield, Penna.

## DEPARTMENT OF MANUAL TRAINING.

## Graduates of 1913.

Bowers, E. W.....	Miami, Ohio	Little, Alfred.....	Canada
Bronson, LeVerne R....	Cass, Ind.	Lumbard, Lewis B....	LaPorte, Ind.
Deniston, Noble G....	Decatur, Ind.	MacCoach, George H....	Erie, N. Y.
Engerson, John F....	Ionia, Mich.	MacDonnell, R. H....	Columbiana, O.
Hansen, Bernard M.....	.....	Packwood, Dempsey B.....	.....
.....	Manitowoc, Wis.	.....	Washington, Ind.
Hiler, Everett M....	Whitley, Ind.	Shaw, Raymond C....	Marshall, Ind.
Hunt, Lynn D. F....	Otsego, N. Y.	Tanner, J. Russell....	Marshall, Ind.
Jackson, Wilbur....	Tippecanoe, Ind.	Thompson, George A.....	.....
Johnson, Harry V....	Scott, Iowa	.....	Venango, Penna.
Kegg, Robert....	Los Angeles, Calif.	Tregear, Harry....	Marquette, Mich.
Koontz, Elizabeth.....	.....	Walker, Nellie....	Switzerland, Ind.
.....	Cattaraugus, N. Y.	Wood, Linder S.....	Wabash, Ill.

## Class of 1912-1913.

Aaltonen, Toivo.....	Finland	Brown, Bruce.....	Porter, Ind.
Archer, Mamie.....	Porter, Ind.	Bushing, Wm.....	Allen, Ind.
Bach, H. A.....	Stearns, Minn.	Campbell, Oscar.....	.....
Bickel, W. Foster....	Clayton, Iowa	.....	Henderson, Texas
Biddle, Elmer J.....	Lake, Ind.	Carlson, Barth.....	Kent, Mich.

Carlson, Edward....	Forest, Wis.	McGinn, John.....	Denver, Colo.
Clark, .....	Iroquois, Ill.	Malecki, Edmond....	Erie, N. Y.
Cloud, Albert.....	Porter, Ind.	Marsh, J. I.....	Scioto, Ohio
Cloud, Arthur.....	Porter, Ind.	Maul, H. C.....	Waupaca, Wis.
Comer, Emma.....	White, Ind.	Maximoff, V.....	Bulgaria
Cranston, C. M.....	Guernsey, O.	Meredith, A. F.....	Porter, Ind.
Cupp, Frank.....	Berrien, Mich.	Miles, Dale S.....	Montgomery, Kans.
Danner, F. P.....	Green, Wis.	Miller, Henry.....	Porter, Ind.
Duncan, F. J.....	White, Ind.	Mills, Harry E.....	Erie, N. Y.
Dusst, Ross.....	Garrett, Md.	Moe, Ford P.....	Porter, Ind.
Duszynski, Walter..	Hudson, N. J.	Moody, Earl A.....	Rock, Wis.
Ebert, Charles.....	Lake, Ind.	Morris, M. B.....	Knox, Miss.
Findley, Robt. R...	Johnson, Ind.	Mushrush, R. S...	Jefferson, O.
Fischbacha, Arthur.	Marion, Ill.	Nelson, Billee....	Walworth, Wis.
Fox, Burton.....	Alameda, Calif.	Nelson, Fred.....	Shelby, Tenn.
Gibson, Albert.....	Caldwell, Mo.	Ohmart, Allen....	Wabash, Ind.
Golberg, W.....	Russia	Packard, R.....	Carroll, Ill.
Guevara, F.....	Philippine Is.	Patmore, Perry....	Warrick, Ind.
Hair, D. Stanley....	Chaves, N. Mex.	Pearson, M. R.....	Miami, Ohio
Harms, Fred.....	Ozaukee, Wis.	Pennanen, Peter....	Finland
Harrington, Raymond.....		Peters, Parker....	Clarion, Penna.
.....	Worcester, Mass.	Petty, R.....	Canada
Hershay, W. C.....	Blackford, Ind.	Plachta, Jacob F...	Essex, Mass.
Higgins, Alex.....	Somerville, Mass.	Pound, Claude....	Cass, Mich.
Hill, W. E.....	Sangamon, Ill.	Pulkkinen, H. U....	Russia
Hooker, Elsie....	Vermillion, Ind.	Rades, Alfred.....	Campbell, Ky.
Hoyert, Harry....	Dauphin, Penna.	Ritter, Lola E.....	Knox, Ind.
Huff, Levi.....	Louisa, Iowa	Roderick, Rollie...	Will, Ill.
Inghram, John....	Greene, Penna.	Rogers, J. Van....	Covington, Miss.
Irvin, Oscar.....	Geauga, O.	Roof, Frank.....	Wells, Ind.
Jackson, Herbert M.....		Rowe, L. H.....	Somerset, Penna.
.....	St. Louis, Mo.	Rupe, A. D.....	Kosciusko, Ind.
Jeroslaw, Wm.....	N. Y., N. Y.	Sacra, Charles....	Carter, Okla.
Jessee, Wm.....	Porter, Ind.	Schlutius, Alfred...	Iroquois, Ill.
Jones, R. H....	Crow-Wing, Minn.	Shaw, R. C.....	Marshall, Ind.
Judkins, Muriel....	Knox, Me.	Shelton, Wm....	Chautauqua, N. Y.
Junken, Lawrence.....		Smick, Zoe.....	Randolph, Ill.
.....	Hendricks, Ind.	Snodgrass, Fred C...	Porter, Ind.
Karaibanoff, Evan D..	Bulgaria	Snyder, Elmer A...	Mercer, Penna.
Kipnis, B.....	Cook, Ill.	Snyder, Glenn E...	Union, Penna.
Klinkman, E. L....	Cass, Mich.	Steadman, Harry...	Iroquois, Ill.
Krebs, W. R.....	Erie, N. Y.	Tamlmoin, C. L....	Starke, Ind.
Kurtz, I. J.....	Hennepin, Minn.	Tasseff, Dimitir...	Bulgaria
Lager, T. C.....	Franklin, Ill.	Theroux, F. R....	Ashville, N. C.
Langell, M. B....	Wayne, Ohio	Touve, E.....	Marion, Ill.
Lanterman, C. B....	Madison, Ill.	Waddle, Earl.....	Christian, Ill.
Lassay, C. B.....	Spain	Wells, H. L....	Luzerne, Penna.
Lennon, Jas....	Musselshell, Mont.	Wickham, R. S...	Schuyler, N. Y.
Lepak, S. S.....	St. Louis, Mo.	Wilner, Samuel....	Kings, N. Y.
Lerner, Harry.....	N. Y., N. Y.	Withaw, I. A.....	White, Ill.
Lieberman, H.....	Kings, N. Y.	Wolfson, Abraham...	N. Y., N. Y.
Long, Reed.....	Greene, Penna.	Wong, Walter B.....	China
McDonald, Earle....	Huron, Mich.	Wright, Jane.....	Dallas, Texas
McFarland, N....	Marshall, Ind.	Young, A. G....	Jamaica, B. W. I.



## DEPARTMENT OF EDUCATION.

## Graduates of 1912.

Adams, Bertha R. Cape May, N. J.	Lucas, C. O. Hughes, Okla.
Anderson, Catherine. . . . .	Lumbard, Lewis B. LaPorte, Ind.
.....Montague, Texas	Macdonald, John V. Nova Scotia
Anderson, Margaret. . . . .	Matheny, Harriet. . . . . Porter, Ind.
.....Montague, Texas	Mattson, Selma. . . . . Cascade, Mont.
Bisbee, L. Jean. Washington, Vt.	Mitchell, J. O. . . . . Polk, Iowa
Bolotin, Hyman. . . . . Porter, Ind.	Mona, Fred W. . . . . Mahaska, Iowa
Butler, Charles J. Hamilton, O.	Moss, William Paul. Clay, N. C.
Chindlund, Alma. Buena Vista, Ia.	Padgett, Mabel B. Warrick, Ind.
Cobb, Mary M. . . . . Porter, Ind.	Park, Emma. . . . . Newton, Ind.
Cummings, Heber. Gibson, Tenn.	Peterson, Eddene. Humboldt, Iowa
Doane, Grace K. Jackson, Ind.	Pfeiffer, Edith. . . . . Kent, Mich.
Farmer, Bernice. . . . . Wood, Ohio	Polk, Omer. . . . . Scott, Ind.
Fischer, Amelia C. . . . .	Rice, Thurman. . . . . Wabash, Ind.
.....Freeborn, Minn.	Rice, James C. Tallahatchie, Miss.
Freley, Wilhelmina. . . . .	Ritenour, Edna. Shenandoah, Va.
.....Hardin, Iowa	Ritenour, Seraphine. . . . .
Froemming, Albert H. . . . .	.....Shenandoah, Va.
.....Milwaukee, Wis.	Rittenhouse, Carl. . . . .
Gasaway, Adelaide L. . . . .	.....Huntington, Ind.
.....Jackson, Ind.	Schurr, Charles. . . . . Marshall, Ind.
Hall, Josie. . . . . Green, Ind.	Smith, Alvin J. . . . . Pulaski, Ind.
Hanson, Dena L. Marinette, Wis.	Sparks, George. . . . . Porter, Ind.
Holden, Lyle W. McKean, Penna.	Taafe, Virginia. . . . .
Johnson, Harold B. . . . .	.....Pushmataha, Okla.
.....Dauphin, Penna.	Toner, Alice. . . . . Williams, O.
Kilcoyne, Francis. . . . .	Wells, Elton D. . . . . Berrien, Mich.
.....Fon Du Lac, Wis.	Whitlock, Carolyn. . . . . Porter, Ind.
Krost, Esther. . . . . Clinton, Ill.	Ziegler, Lloyd, . . . . . Huntington, Ind.
Love, Lulu L. Montgomery, Kans.	

## Class of 1912-1913.

Abramovitch, Wm. W. Cook, Ill.	Behnke, Jno. E. Essez, N. J.
Aby, Gertrude. . . . . Cook, Ill.	Bell, Rose. . . . . Greenwood, Kans.
Adams, Irwin L. . . . . Scioto, O.	Beshears, Bula. . . . . Jasper, Ia.
Agar, Edna. . . . . Porter, Ind.	Beshears, Buna. . . . . Jasper, Ia.
Aiken, Georgia. . . . . Cook, Ill.	Bickel, W. Foster. McGregor, Ia.
Ajiemian, M. B. . . . . Armenia	Blair, Hazel. . . . . St. Joseph, Ind.
Albertson, Gertrude. Porter, Ind.	Bolotin, Anita. . . . . Greene, N. Y.
Alderman, Wise. . . . . Grove, Va.	Bowers, Beatrice. . . . . DeKalb, Ind.
Alderson, Thyra. . . . . Dupage, Ill.	Brammer, Olive. . . . . Delaware, Ind.
Aldrich, Mabelle. . . . .	Brevik, Oscar. Pennington, Minn.
.....Worcester, Mass.	Brooks, Lottie. . . . . LaPorte, Ind.
Alvey, Lora E. . . . . Benton, Ind.	Brooner, Flora. . . . . Spencer, Ind.
Alvey, Maud E. . . . . Benton, Ind.	Brown, John H. . . . . Stephenson, Ill.
Anderson, Glenn. . . . . Cass, Ind.	Browning, F. L. . . . . Gibson, Tenn.
Anderson, Hubert. . . . . Cass, Ind.	Browning, Gordon. Gibson, Tenn.
Anderson, M. R. . . . . Wise, Ia.	Brummitt, Mable. . . . . Porter, Ind.
Anderson, O. C. . . . . Clay, Ill.	Bruns, Freda. . . . . Porter, Ind.
Arbuckle, Howard. . . . . Rush, Ind.	Bruns, Nellie. . . . . Porter, Ind.
Arwin, Dorothy. . . . . Porter, Ind.	Bullock, Isa. . . . . Lake, Ind.
Atha, Mary. . . . . Marshall, Ind.	Bump, Orlando. Huntington, Ind.
Austin, Annie. . . . . LaPorte, Ind.	Burke, Edward. Williams, N. D.
Babcock, May. Socorro, N. Mex.	Burke, Gertrude. . . . . Cook, Ill.
Baker, Norman. . . . . Houghton, Ill.	Burner, Russell. . . . . Crawford, Ill.
Ball, Maud. . . . . Wayne, Ind.	Burns, Carlene. . . . . Hamilton, O.
Barden, Grace. . . . . Grafton, N. H.	Burnside, Chas. . . . . Newton, Ind.
Barnett, Thos. W. . . . . Fulton, Ind.	Burrows, Alma. . . . . St. Croix, Wis.
Beauchamp, Harry. . . . . Taylor, Ia.	Buzzell, Althea. . . . . Cook, Ill.
Beck, Elma. . . . . Marshall, Ind.	Byroad, Freddie. . . . . White, Ind.
Beckley, Emaline. . . . . Cass, Ind.	Campbell, Ada. . . . . Portage, O.

Campbell, J. T. .... Izard, Ark.  
 Camblin, Ada. .... Newton, Ind.  
 Carlson, Esther A. ....  
     Manistee, Mich.  
 Carlson, Minnie. .... Lake, Ind.  
 Cites, George. .... LaPorte, Ind.  
 Chapman, Grace. .... Spencer, W. Va.  
 Chestnut, Ruth. .... Coweta, Ga.  
 Chidester, Minnie. .... Starke, Ind.  
 Clarke, Bernice. .... Newton, Ind.  
 Clarke, J. W. .... Jay, Ind.  
 Clausen, H. C. .... Starke, Ind.  
 Clement, A. A. .... Day, S. D.  
 Clendenning, Frances. ....  
     Wayne, Mich.  
 Coldron, Gordon. .... Fayette, Penna.  
 Coldron, Mary E. .... Fayette, Penna.  
 Colligan, Anthony B. ....  
     Atlantic, N. J.  
 Collins, Grace. .... Fulton, Ind.  
 Collins, I. T. .... Scott, Va.  
 Colpaert, Achille. .... Belgium  
 Comer, Emma. .... White, Ind.  
 Conroy, Elliott. .... Lake, Ind.  
 Cornell, Alice. .... Porter, Ind.  
 Corrigan, J. E. .... LaSalle, Ill.  
 Courtney, Josephine. ....  
     Custer, S. Dak.  
 Couthure, Kathryn. .... Lucas, O.  
 Cowan, Helen. .... Adams, Ind.  
 Crain, Ora. .... Williamson, Ill.  
 Croka, Minnie. .... Kingfisher, Okla.  
 Curran, Hattie. .... Little River, Ark.  
 Curry, Lesta. .... Randolph, Ind.  
 Cuyler, Stella. .... Defiance, O.  
 Daggett, Calvin. .... Porter, Ind.  
 Darrah, Bernice. .... Scott, Ind.  
 Davis, W. G. .... Washington, Ind.  
 Dawson, Edward. .... Cook, Ill.  
 Dawson, Kathryn. .... Beaver, Penna.  
 DeBolt, Edw. .... Daviess, Ind.  
 Degner, Viola. .... Pulaski, Ind.  
 Deneen, Mayme. .... Dane, Wis.  
 Denton, Nora. .... Porter, Ind.  
 Dessmier, Blanche. .... LaPorte, Ind.  
 Detlef, Rose. .... Porter, Ind.  
 DeWitt, Dorothy. .... Porter, Ind.  
 Dickinson, Elizabeth. ....  
     Oswego, N. Y.  
 Ditlow, Elsie. .... Lake, Ind.  
 Doan, Mabel. .... Clinton, O.  
 Doane, Grace K. .... Jackson, Ind.  
 Domingo, Martolme. ....  
     Philippine Is.  
 Donahue, Olive. .... Porter, Ind.  
 Duncan, Mildred. .... Huntington, Ind.  
 Dush, Willa M. .... Shelby, Ill.  
 Dye, Paul. .... Porter, Ind.  
 Echols, Eva. .... Boone, W. Va.  
 Edmunds, Anna. .... Lake, Ind.  
 Eichman, Curtis. .... Seneca, O.  
 Ellert, Sol. .... Pike, Ind.  
 Ellis, T. F. .... McLean, Ky.  
 Emerson, Frances. .... Marshall, Ind.  
 England, Gladah. .... Ionia, Mich.  
 Essenberg, Jacob. .... Porter, Ind.  
 Fail, Edna. .... LaPorte, Ind.  
 Farrell, Ethel L. .... Chaffee, Colo.



- Heintz, Fred C.....Cherokee, Ia.  
 Helm, Lois C. E.....Allegan, Mich.  
 Henline, Carl.....Huntington, Ind.  
 Hess, Alys.....Lake, Ind.  
 Hickman, Lucian.....  
     .....Switzerland, Ind.  
 Hickner, Frank P.....Tipton, Ind.  
 Hixon, Hazel.....LaPorte, Ind.  
 Hogg, Charles.....Wells, Ind.  
 Hobbs, Harold.....LaPorte, Ind.  
 Hockart, Jenkins.....Hartford, Conn.  
 Hoganson, Etta.....LaSalle, Ill.  
 Holloway, Merle.....Knox, Ill.  
 Hollowell, Pearl.....Miss., Ark.  
 Hooker, Elsie.....Vermillion, Ind.  
 Hoover, Edgar.....Marshall, Ind.  
 Horn, Chan.....Cook, Ill.  
 Howell, Lawrence.....Gallia, O.  
 Howlett, Benton.....Porter, Ind.  
 Huffman, Ruth.....White, Ind.  
 Hughs, W. P.....Pike, Ky.  
 Hugl, Geo.....Richmond, N. Y.  
 Hunt, Florence.....Gibson, Tenn.  
 Hurth, Mathias.....Meekin, Minn.  
 Huss, Charles F.....Polk, Wis.  
 Hustad, Selma.....Green, Wis.  
 Jackson, J. R.....Orange, Ind.  
 Jackson, Wilbur.....Tippecanoe, Ind.  
 Jacobson, Clara.....Boone, Ia.  
 Johnson, Alma C.....Boone, Ia.  
 Johnston, Floyd.....Lake, Ind.  
 Johnson, Halldor.....Pembine, N. D.  
 Johnson, Harry.....Scott, Iowa  
 Johnston, A. R.....Guernsey, O.  
 Jones, Bertha.....Maricopa, Ariz.  
 Kaiser, Roswell.....Cass, Ind.  
 Kauppi, Ida.....Chahalis, Wash.  
 Keithline, Marjorie.....LaPorte, Ind.  
 Keller, Edna.....Crawford, O.  
 Kemp, Anna.....Page, Va.  
 Kepler, Geo.....LaGrange, Ind.  
 Kershaw, Jessie.....Fayette, Iowa  
 Khan, M. S. Hoseyn.....Persia  
 Kieff, Rose.....Tippecanoe, Ind.  
 Kigin, George S.....Tipton, Ind.  
 King, Laura.....Porter, Ind.  
 Kline, William.....Huntington, Ind.  
 Klueh, Jos. R.....Dubois, Ind.  
 Knicely, Mae M.....Muskegoe, Okla.  
 Koester, Clara M.....Madison, Nebr.  
 Kohlmeier, Henry.....Gibson, Ind.  
 Kolmer, Edward H.....Monroe, Ill.  
 Koch, R.....Knox, Ind.  
 Krause, Georgia.....Hamilton, Ind.  
 Kurtz, Florence.....Allen, Ind.  
 LaFlora, Iva.....Marshall, Ind.  
 Lakin, Eva.....Warren, Ind.  
 Landers, J. Alvin.....Winston, Miss.  
 Langell, Mark B.....Wayne, O.  
 Larson, R. Jeanette.....  
     .....Freeborn, Minn.  
 Lavin, J. J.....Crawford, Ind.  
 Lee, Howard.....Canton, China  
 Lewis, S. A.....Claiborne, Tenn.  
 Light, Opal.....Newton, Ind.  
 Lily, Eva C.....Kankakee, Ill.  
 Lincoln, Mrs. E. L.....Cass, Texas  
 Ling, Grace.....Porter, Ind.  
 Lingard, Fayette.....LaPorte, Ind.  
 Little, Alfred W.....Canada  
 Lochowitz, Edward.....Racine, Wis.  
 Lodermier, Anna.....Morrison, Minn.  
 Loutzenhiser, Sara.....Whitley, Ind.  
 Lowe, Florence.....Newton, Ind.  
 Lucas, C. O.....Hughes, Okla.  
 Lunder, Anna.....Lincoln, S. Dak.  
 Lyon, Ruth.....Cook, Ill.  
 McAfee, Ernest.....Boyle, Ky.  
 McCrum, Anna.....Huntington, Ind.  
 McCloud, Walter.....Cass, Ind.  
 McCumber, Lillian.....Douglas, Ill.  
 McDonnell, Catherine.....  
     .....Genesee, Mich.  
 McCall, Ethel.....Vernon, Wis.  
 McCall, Merle.....Vernon, Wis.  
 McDermott, F. C.....Cook, Ill.  
 McElhiney, Moses.....Gibson, Ind.  
 Maloney, Chas.....Jasper, Ind.  
 Maloney, Marie.....Jasper, Ind.  
 Manlove, C. H.....Blair, Penna.  
 Mansfield, Ruth.....LaPorte, Ind.  
 Marienthal, Roy.....Cook, Ill.  
 Marley, Lawrence.....  
     .....Montgomery, Ill.  
 Martin, Ethel.....Mercer, Penna.  
 Martz, Ruth.....Pennington, Minn.  
 Mason, W. A.....Randolph, Ga.  
 Maston, Loren B.....Kosciusko, Ind.  
 Mau, Ruby.....Lake, Ind.  
 Mavity, Mae.....Porter, Ind.  
 Meredith, Erma.....Kosciusko, Ind.  
 Merriam, Mae.....Eaton, Mich.  
 Miller, Alexander.....Saline, Kans.  
 Miller, Alice.....Lake, Ind.  
 Miller, Lillian.....Iroquois, Ind.  
 Miller, Raymond.....Lake, Ill.  
 Mills, Harry E.....Erie, N. Y.  
 Mitchell, J. O.....Polk, Iowa  
 Moffet, John H.....Armaugh, Ireland  
 Moody, Earl.....Rock, Wis.  
 Moore, Wm. R.....Porter, Ind.  
 Morrow, Frances.....Harrison, Ky.  
 Morse, Mildred.....Tippecanoe, Ind.  
 Morthland, Jno. A.....Porter, Ind.  
 Mott, Adelbert.....Clayton, Ia.  
 Moyer, Rilla.....LaPorte, Ind.  
 Murray, Helen.....Clinton, Iowa  
 Napier, T. G.....Perry, Ky.  
 Neff, Floyd H.....Racine, Wis.  
 Nelson, William.....Utah, Utah  
 Nerby, Gertrude.....Foster, N. D.  
 New, J. H.....Brown, Ill.  
 Newcomb, Laura.....Cook, Ill.  
 Newsom, Noble.....Wabash, Ill.  
 Norris, Lucile.....St. Joseph, Ind.  
 Nutting, Dorothy.....Suffolk, Mass.  
 Oakes, G. H. Mayer.....  
     .....New London, Conn.  
 Obenchain, Roland.....  
     .....St. Joseph, Ind.  
 Orenbaum, Maggie.....Hill, Texas  
 Oser, August.....Whitley, Ind.  
 Osgathorp, Harland.....Pike, Ind.  
 Paddock, Irene.....Huntington, Ind.  
 Padgett, Emory.....Warrick, Ind.  
 Page, John P.....Hardin, Ill.

- Parker, L. W....Switzerland, Ind.  
 Parks, Elta M....Stephenson, Ill.  
 Parrill, C. D....Fayette, Ill.  
 Parsons, Earl V..Jackson, W. Va.  
 Patillo, Eudora....Autaugo, Ala.  
 Patrick, Edna P....Starke, Ind.  
 Paul, Mabelle.....Porter, Ind.  
 Peck, J. Arthur....Madison, Ind.  
 Peterson, Ina....Marinette, Wis.  
 Pfafman, Emma....Noble, Ind.  
 Pickett, John.....Caddo, La.  
 Pickles, C. E....McLean, N. D.  
 Pike, Ethel B.....Pulaski, Ind.  
 Pinkerton, Ethel...LaPorte, Ind.  
 Pinney, Dorothy....Porter, Ind.  
 Poole, Grace.....Benton, Ind.  
 Porter, Jno. A....Sedgwick, Kans.  
 Potter, Alva S.....  
 .....Cumberland, Tenn.  
 Powell, Libbie...Winnebago, Ill.  
 Ramsey, Robert..Jefferson, N. Y.  
 Reed, Grace.....Newton, Ind.  
 Reid, Edgar....Northampton, Va.  
 Rice, Thurman B..Wabash, Ind.  
 Rittenhouse, C. H.....  
 .....Huntington, Ind.  
 Robertson, Anna.Faribault, Minn.  
 Rockwell, Fieca....Starke, Ind.  
 Rogers, Asa F.....Scott, Ind.  
 Rogge, Martha.....Cook, Ill.  
 Romig, Mary...Greenwood, Kans.  
 Roysden, Ossie....LaPorte, Ind.  
 Russell, Josephine....Cook, Ill.  
 Rymol, Gladys...Marinette, Wis.  
 Saller, Frederika.....Will, Ill.  
 Senoren, Francisco.Philippine Is.  
 Schlutius, Milerna..Iroquois, Ill.  
 Schurr, Chas.....Marshall, Ind.  
 Schuster, Laura.Pennington, S. D.  
 Shafer, Carl J.....Richland, Ill.  
 Shanteau, Owen D....Cass, Ind.  
 Sharfman, Anna.....Cook, Ill.  
 Shaw, B. B.....Marshall, Ind.  
 Shaw, Lois.....Marshall, Ind.  
 Shields, J. C....Kalamazoo, Mich.  
 Shinabarger, Nellie..Porter, Ind.  
 Shuck, Bessie E...Harrison, Ind.  
 Sigler, Elmer....Mahose, Ariz.  
 Smith, Alice E....LaPorte, Ind.  
 Smick, Natalie...McDonough, Ill.  
 Smick, Zoe.....McDonough, Ill.  
 Smith, Arthur J...McComb, Mich.  
 Smith, Clint....Marshall, Ky.  
 Smith, S.....Alleghany, Penna.  
 Spitzer, Henry....LaPorte, Ind.  
 Starling, Roy S....Miller, Mo.  
 Storie, William R.....  
 .....Fentress, Tenn.  
 Stephenson, J. Gladys.....  
 .....Washington, Ind.  
 Stevens, John D..Lewanee, Mich.  
 Stevens, Mayme....Licking, O.  
 Stone, Calvin.....Jay, Ind.  
 Stone, Raleigh.....Jay, Ind.  
 Strahan, L. S...Covington, Miss.  
 Summer, Edna....Porter, Ind.  
 Tanguusso, Sebastian.....Italy  
 Thompson, G. H....Lake, Ind.  
 Thompson, J. J....Marshall, Ky.  
 Thompson, Laura....Tipton, Ind.  
 Thompson, Lucy.Deerlodge, Minn.  
 Thompson, Wm. G. Marshall, Ind.  
 Toivonen, A. A. Ontonagon, Mich.  
 Touve, Irwin.....Marion Ill.  
 Traub, Emily.....Allen, Ind.  
 Tully, Lucile....Fayette, W. Va.  
 Ulmer, E. M....Kosciusko, Ind.  
 Underwood, Clellia.....  
 .....Effingham, Ill.  
 van de Verde, A...Ottawa, Mich.  
 Vibrans, Ruth A....Lincoln, Wyo.  
 Vincent, Bertha L..St. Joseph, Ind.  
 von Fuerstenburg, Marie.....  
 .....Cook, Ill.  
 Wagoner, Edna....Porter, Ind.  
 Walker, Carlee....Gibson, Tenn.  
 Watts, Arthur L....Shelby, Ill.  
 Weatherly, Henry....Clark, Ill.  
 Weaver, Harry.....Cass, Ind.  
 Weber, Dora....Tuscarawas, O.  
 Weimer, Althea...Fayette, Iowa  
 Wein, Forest.....Allen, Ohio  
 Weis, Agnes.....Ashtabula, O.  
 Weit, William.....Cook, Ill.  
 Weller, E. C.....Spencer, Ind.  
 Whisenhunt, Maud...Caddo, La.  
 Whisenhunt, W. M..Caddo, La.  
 Wiggerly, Blanche K.....  
 .....Delaware, Ind.  
 Wiggerly, Neva J..Delaware, Ind.  
 Williams, Frances...Union, Ind.  
 Williamson, Thula...Pope, Ark.  
 Willis, H. K....Lycoming, Penna.  
 Wimer, Althea....Fayette, Iowa  
 Wright, Nada.....LaPorte, Ind.  
 Yancy, Walter.....Metler, Ark.  
 Young, F. E.....White, Ind.  
 Zyp, Katherine.....Lake, Ind.



## SCIENTIFIC DEPARTMENT.

## Graduates of 1912.

## Master of Science Degree.

Jones, Claude D. Maricopa, Ariz.

## Bachelor of Science Degree.

Aldstadt, David A.....	Johnson, Harold Brady.....
.....Bedford, Penna.	.....Union, Penna.
Armstrong, Gabrielle.....	Kauppi, Ida.....
Awotin, Leo.....	.....Brown, Wash.
Baker, Clark E.....	Kilcoyne, Francis.....
.....Richland, Ill.	.....Fond du Lac, Wis.
Barker, Howard C.....	King, Stephen J.....
.....Washoe, Nevada	.....Sangamon, Ill.
Blomquist, Hugo L.....	Klueh, Joseph R.....
.....LaMoure, N. Dak.	.....Dubois, Ind.
Blue, Thomas G.....	Krost, Esther.....
.....White, Ill.	.....Clinton, Ill.
Bowman, Mae Marie.....	Krumin, Mildred J.....
.....Kosciusko, Ind.	.....Suffolk, Mass.
Boyd, Merle E.....	Landis, Zella M.....
.....Kankakee, Ill.	.....Porter, Ind.
Casto, Eugene L.....	March, Annie H.....
.....Jackson, W. Va.	.....Essex, Mass.
Christman, Frank A.....	McGehee, Geo. R.....
.....Monroe, Penna.	.....Gallatin, Ind.
Conover, Nina.....	Miller, Alexander.....
.....Porter, Ind.	.....Saline, Kans.
Craig, Clair.....	Morthland, John A.....
.....Koochiching, Minn.	.....Porter, Ind.
Cunningham, O. L.....	Nutter, Warren M.....
.....McCracken, Ky.	.....Nicholas, W. Va.
Delker, S. F.....	Obenchain, Roland.....
.....Hamilton, O.	.....St. Joseph, Ind.
DeWitt, Dorothy.....	Parker, L. W.....
.....Porter, Ind.	.....Switzerland, Ind.
Disher, George C.....	Pickert, Dorothea Maude.....
.....Mason, Ky.	.....Marshall, Ind.
Dorough, John L.....	Raef, Leo J.....
.....Jefferson, Ala.	.....Jasper, Ind.
Evans, William R.....	Rimelspach, Clemence A.....
.....Winnebago, Wis.	.....Fremont, O.
Fleischman, Ollie M.....	Robinson, Nathan J.....
.....Kingsbury, S. Dak.	.....Berrien, Mich.
Flory, Roger V.....	Salerni, N. B.....
.....Cook, Ill.	.....New York, N. Y.
Gallagher, Edward D.....	Schwartz, Karl.....
.....Saginaw, Mich.	.....Middlesex, Mass.
Gold, C. Earl.....	Seibert, F. R.....
.....Northumberland, Pa.	.....Auglaize, O.
Brimm, Charles H.....	Siena, Michael A.....
.....Cook, Ill.	.....Passaic, N. J.
Hamman, Wm. David.....	Smith, Oscar D.....
.....Los Angeles, Calif.	.....Hinds, Miss.
Harvey, James F.....	Smith, Alvin J.....
.....Greene, Penna.	.....Pulaski, Ind.
Hickman, A. R.....	Stephan, Dorothea.....
.....Allegheny, Penna.	.....Porter, Ind.
Hockert, Jenkin R.....	Stoltz, Spencer G.....
.....Hartford, Conn.	.....Darke, Ohio
Hogan, Stephen C.....	Strikol, Albert.....
.....Cook, Ill.	.....Montgomery, N. Y.
Hough, Walter S.....	Turner, George H.....
.....Westmoreland, Penna.	.....Vinton, Ohio
Hoyert, J. Harry.....	Twinem, J. Clyde.....
.....Dauphin, Penna.	.....Noble, Ohio
Hutchison, Dora A.....	Utterbach, Arthur.....
.....Porter, Ind.	.....Richland, Ill.
Jeglum, Leonard G.....	Van Auken, Vera.....
.....Allamakee, Iowa	.....Dekalb, Ind.
Johnson, Harry V.....	Waiver, Ludwig.....
.....Scott, Iowa	.....Suffolk, Mass.
	Webb, Alma.....
	.....Lawrence, O.
	Whitt, E. R.....
	.....Carter, Ky.
	Wiley, John L.....
	.....Switzerland, Ind.
	Willer, Merton.....
	.....Sanilac, Mich.
	Wolfe, David J.....
	.....Union, N. J.
	Zimmerman, Everett E.....
	.....Randolph, Ind.

## Class of 1912-1913.

Adams, Irwin L.....	Allen, Edward.....	Floyd, Ky.
Aitkens, Chas. D.....	Anderson, Edith.....	.....Porter, Ind.
.....Minnehaha, S. Dak.	Anderson, Glen.....	.....Cass, Ind.
Alderson, John H.....	Anderson, Martin R.....	.....Iowa, Wis.
Alexander, Robt.....	Anderson, O. C.....	.....Clay, Ill.

- Anderson, S. P. Jefferson, Penna.  
 Aragonese, Albert.....Cuba  
 Arney, A. J.....Clark, Ohio  
 Asher, N. E. Henderson, Texas  
 Ashman, Benj. H...Orange, Fla.  
 Askins, H. A....Autauga, Ala.  
 Austin, Isaac.....White, Ill.  
 Bagley, W. A...Allegheny, N. C.  
 Baker, Emery....Crawford, Ill.  
 Baker, N. A....Houghton, Mich.  
 Baldwin, Vern C....Bond, Ill.  
 Ballas, Frank....Walworth, Wis.  
 Barfoot, M. O....Newton, Miss.  
 Barnicott, Della....Weber, Utah  
 Barnum, Mary E....Tripp, S. Dak.  
 Barski, Henry....Cuyahoga, O.  
 Basinger, Calvin L. Putnam, Ohio  
 Bassow, Solomon H. Kings, N. Y.  
 Batson, Harry....Mason, Mich.  
 Batteiger, Ruth....Mahoning, O.  
 Baughman, Bessie..Jasper, Ind.  
 Beckwith, Luis.....Mason, Ill.  
 Beggs, J. Earl....Mahoning, O.  
 Benham, Clara....Porter, Ind.  
 Benham, Jacob L..Ripley, Ind.  
 Benton, Thos.....Porter, Ind.  
 Bernard, Benedict W.....  
 .....Mahoning, O.  
 Berg, Olga....Williams, N. Dak.  
 Bogan, Alfred....Fergus, Mont.  
 Bolt, Lucius S..Lawrence, S. C.  
 Boosinger, Harold T..Cass, Mo.  
 Booth, Charles Edward.....  
 .....Putnam, W. Va.  
 Bowen, W. A.....Unicoi, Tenn.  
 Bowers, Thomas.Plymouth, Mass.  
 Boyer, Beulah....Porter, Ind.  
 Boyer, Mary.....Porter, Ind.  
 Boyum, Andrew.Ottertail, Minn.  
 Blue, Leah.....Kosciusko, Ind.  
 Brame, de Yampert.....  
 .....Noxubee, Miss.  
 Brauchla, Guy..Huntington, Ind.  
 Bredon, Forrest.Nicholas, W. Va.  
 Brenza, Cecelia.Luzerne, Penna.  
 Brevik, Oscar..Red Lake, Minn.  
 Briggs, Cora B...Hillsdale, Mich.  
 Briggs, Jesse C.....Ross, Ohio  
 Brigman, Lawrence....Kane, Ill.  
 Brin, Rose.....Cook, Ill.  
 Brinck, Dora.....Defiance, O.  
 Brown, Francis P...Lake, Ind.  
 Brownell, Clarence L.Porter, Ind.  
 Browning, Gordon W.....  
 .....Gibson, Tenn.  
 Brush, Chas. F....Jackson, Ill.  
 Budd, Albert E.Schuyler, N. Y.  
 Binger, Fred D.....Ohio, Ind.  
 Burg, Gustav....Allen, Ind.  
 Burkett, Benj. S....Smyth, Va.  
 Burner, Russell....Crawford, Ill.  
 Burrus, Franklin....Shelby, Ill.  
 Butler, Ella.....Whitley, Ind.  
 Caldwell, Ross G.....  
 .....Bartholemew, Ind.  
 Calhoon, Jesse W...Howell, Mo.  
 Calland, Edward....Noble, O.  
 Callison, L. M.Nicholas, W. Va.  
 Calvin A. B. Mecklenburg, N. C.  
 Campbell, Gaytha..Randolph, Ill.  
 Campbell, J. Thurman.Izard, Ark.  
 Carnahan, John.St. Joseph, Ind.  
 Carpenter, C. E..St. Joseph, Ind.  
 Carter, A. W....Morgan, W. Va.  
 Carter, J. Otis.....Gates, N. C.  
 Carter, John.....Union, Ill.  
 Chan, Tingit H.....China  
 Chapis, Benedict.....Lithuania  
 Chapman, Lester M.....  
 .....Roane, W. Va.  
 Chesnut, Ruth....Coweta, Ga.  
 Chu, Tsowa W.....China  
 Clark, Edna.....Iroquois, Ill.  
 Clark, Elwood.....Lake, Ind.  
 Clayton, Shirley..Calloway, Ky.  
 Cobern, Matt C....Carter, Ky.  
 Coldren, Mary E..Fayette, Penna.  
 Collett, John.....Union, Ark.  
 Conroy, Elliott R..Mitchell, Kans.  
 Conroy, Mayme..Mitchell, Kans.  
 Coram, Byron W...Calhoun, Ga.  
 Corder, Vera....Robertson, Tenn.  
 Cooper, V. D.....Carroll, O.  
 Corley, Cecil.....Shelby, Ill.  
 Corrigan, J. E...Livingston, Ill.  
 Crain, Ora D...Williamson, Ill.  
 Craming, Theo....Porter, Ind.  
 Crimi, Emmett..Hampden, Mass.  
 Crockett, Ethel....Porter, Ind.  
 Cummins, Clyde M.Harrison, O.  
 Cummings, Alva...White, Ind.  
 Cunningham, E. A..Clayton, Iowa  
 Curran, Clay C...Goodhue, Minn.  
 Currier, Mary L...Henry, Ill.  
 Curtin, Frank....Christian, Ill.  
 Daniels, John E...Clinton, Ill.  
 Daniels, Sophia M.Cass, N. Dak.  
 Darling, Wm. C.Franklin, Mass.  
 Davis, Burt.....Natrona, Wyo.  
 Davis, Desford....Jo Daviess, Ill.  
 Davis, Laura..Chautauqua, N. Y.  
 Davis, Myrtle....Kankakee, Ill.  
 Dawson, Kathryn.Beaver, Penna.  
 Deegan, Mary.....Porter, Ind.  
 DeMarcus, Georgia..Knox, Tenn.  
 Deneen, Mayme....Dane, Wis.  
 Dey, Van Brunt..Waukesha, Wis.  
 Dickson, Elizabeth.Oswego, N. Y.  
 Dillon, Warren K.....  
 .....New Castle, Del.  
 Dixel, A. J.....Cook, Ill.  
 Doty, R. F.....Porter, Ind.  
 Draschil, Albert J.Onieda, N. Y.  
 Dudak, J. J.....Roane, Tenn.  
 Dyer, Ezra.....Carter, Okla.  
 Ebbert, Nella.....Jasper, Ill.  
 Eherentmann, Lloyd B.....  
 .....Fulton, Ind.  
 Eichman, Curtis....Seneca, Ohio  
 Eilert, Sol R.....Pike, Ind.  
 Elliott, Abraham.....  
 .....Westmoreland, Penna.  
 Ellis, Maurice....Porter, Ind.  
 Ellis, T. F.....McLean, Ky.  
 Ellsworth, Meredith.....  
 .....Kosciusko, Ind.





- Krunzenstein, E....Dupage, Ill.  
 Krumin, Mildred...Suffolk, Mass.  
 Kuorikoski, K. N....Carlton, Minn.  
 LaBar, Mrs. E. M.....  
     .....Bemalillo, N. Mex.  
 Lallande, Gayoso...Kings, N. Y.  
 LaSay, C. P.....Spain  
 Lasdine, Christ....Cuyahoga, O.  
 Latvala, Andrew...Hibbing, Minn.  
 Laughlin, D. E....Adams, Ind.  
 Law, Jessie M....Livingston, Ill.  
 Leedham, H. K....Henry, Iowa  
 Legg, Clarence...Nicholas, W. Va.  
 Lepak, Andrew S. St. Louis, Minn.  
 Lepak, Michael K.....  
     .....St. Louis Minn.  
 Lelashes, Clement.....  
     .....New Haven, Conn.  
 Lentz, Robt. F. Williamson, Ill.  
 Lieberman, Hyman...Kings, N. Y.  
 Lincoff, Maximilian M.....  
     .....Allegheny, Pa.  
 Linkus, Anicet.....Cook, Ill.  
 Lipscomb, Harry L.....  
     .....Weakley, Tenn.  
 Lipscomb, Sidney R.....  
     .....Tucker, W. Va.  
 Lockowitz, Edward H.....  
     .....Racine, Wis.  
 Londenberg, Ella....Lake, Ind.  
 Laughridge, Roy...Newton, Ind.  
 Loveridge, Judson...Monroe, N. Y.  
 Lundquist, Edwin L. Putnam, Ill.  
 McCall, Grace....Webster, Nebr.  
 McEndree, Olive....Belmont, O.  
 McGregor, Katherine.....  
     .....Waupaca, Wis.  
 McGovern, Rose...Kankakee, Ill.  
 McKenney, Adelle...Oconto, Wis.  
 McKim, Ida E....Harrison, Ind.  
 McLeod, W. E....Logan, Ill.  
 McNutt, Patterson....Cook, Ill.  
 McQuown, D. Neff.....  
     .....Jefferson, Penna.  
 McWhirter, Fred...Mercer, Penna.  
 Maag, W. D.....Ross, O.  
 Machamer, Roy....Stark, O.  
 Mackinnon, Ethel...Porter, Ind.  
 Malczewski, Max.....  
     .....Allegheny, Penna.  
 Manlove, Charles H. Blair, Penna.  
 Mann, Lawrence H.....  
     .....St. Joseph, Ind.  
 Marenkiewicz, Andrew...Cook, Ill.  
 Marienthal, R. V....Cook, Ill.  
 Marimon, Harriet T. Porter, Ind.  
 Marino, Charles...Nassau, N. Y.  
 Marino, John M....Nassau, N. Y.  
 Martin, Asa L. Fayette, Penna.  
 Maston, Loren B. Kosciusko, Ind.  
 Matney, J. Grover...Lawrence, Ohio  
 Matt, John D....LaPorte, Ind.  
 Matteson, Leon L....Kent, R. I.  
 Maxwell, Henry.....Cook, Ill.  
 Meadows, Aniceto L.....  
     .....Phillippine Is.  
 Merrill, Dora.....Warrick, Ind.  
 Middleton, G. M....Greene, Tenn.  
 Miller, E. Loring....Menard, Ill.  
 Miller, Mary C....Richland, Ohio  
 Milstead, Carl G. Livingston, Ill.  
 Moffett, John H. K.....Ireland  
 Monteagudo, F. C.....Spain  
 Moran, T. A....Plymouth, Iowa  
 Morris, Harry....Calloway, Ky.  
 Morrow, Frances...Harrison, Ky.  
 Moser, Lloyd L. Fayette, Penna.  
 Mumma, Claude S....Ogle, Ill.  
 Murphy, R. D....Decatur, Tenn.  
 Murray, A. B....Weakley, Tenn.  
 Murray, Helen Ruth...Clinton, Ind.  
 Myer, George A. Luzerne, Penna.  
 Naab, Henry....Vanderburg, Ind.  
 Napier, T. G....Perry, Ky.  
 Needham, Elza.....Jasper, Ill.  
 Neel, F. G.....Cass, Ind.  
 Neet, Helen.....Porter, Ind.  
 Neff, Elva.....Rock, Wis.  
 Neff, Floyd H.....Rock, Wis.  
 Neifer, Dale S....St. Joseph, Ind.  
 Nelson, Edwin G....LaPorte, Ind.  
 Nelson, W. E....Hale, Texas  
 Nessa, Thomas D....Cook, Ill.  
 Newman, Lillian.....  
     .....Grand Traverse, Mich.  
 Newson, Noble....Wabash, Ill.  
 Niblick, Stewart....Adams, Ind.  
 Nielsen, C. H.....  
     .....Pottawattamie, Iowa  
 Nowicki, Zygmunt.....  
     .....Lackawanna, Penna.  
 Oakes, Geo. H....England  
 Oliphant, Charles L.....  
     .....Edwards, Kans.  
 Oliver, Margaret A.....  
     .....St. Lawrence, N. Y.  
 Olsen, Gerner...Campbell, S. Dak.  
 Olson, Bertha....Allegan, Mich.  
 Olson, Stella....Allegan, Mich.  
 Owens, W. B....Johnson, Ind.  
 Papazian, H. M....Worcester, Mass.  
 Papish, J.....Porter, Ind.  
 Papish, P. L....Fairfield, Conn.  
 Parish, M. N....Limestone, Ala.  
 Parmely, Erma....Putnam, Fla.  
 Parsons, Earl V. Jackson, W. Va.  
 Pashkoski, Walter A.....  
     .....Lackawanna, Penna.  
 Patton, Geraldine...Porter, Ind.  
 Peck, J. Arthur...Madison, Ind.  
 Penn, Ernest B....St. Cloud, Fla.  
 Penrod, M. F.....Davis, Iowa  
 Perkins, L. A....Porter, Ind.  
 Perrine, C. A....Porter, Ind.  
 Perry, Elmore....Porter, Ind.  
 Pfister, Vincent...Converse, Wyo.  
 Piatos, Jose J....Phillippine Is.  
 Pierce, George...Los Angeles, Calif.  
 Pike, Laura....Pulaski, Ind.  
 Porter, John A....Sedgwick, Kans.  
 Potter, Alva S. Cumberland, Tenn.  
 Potter, Frank...Cumberland, Tenn.  
 Plette, G. W. Lloyd...Blair, Penna.  
 Plough, Laura May...Broome, N. Y.  
 Plummer, Ira L....Stevens, Minn.  
 Prange, Anna.....Allen, Ind.



- Prange, W. C. .... Allen, Ind.  
 Price, Robert. .... Floyd, Ky.  
 Pryor, Chester. .... Jasper, Ill.  
 Rachow, Emma A. ....  
     ..... Brazoria, Texas  
 Ramsey, Robert. .... Jefferson, N. Y.  
 Rawlings, Mary. .... Shelby, Tenn.  
 Raworth, Dickson. ....  
     ..... Haywood, Tenn.  
 Reddish, Willard. .... Wayne, Ind.  
 Reed, Lavada. .... Hale, Texas  
 Reeves, Ollie C. .... Fulton, Ky.  
 Reid, E. P. .... Northampton, Va.  
 Rhoads, Clayton L. ....  
     ..... Marshall, Ind.  
 Rhodes, Marcus. .... Randolph, Ga.  
 Ritenour, Edna. .... Shenandoah, Va.  
 Ritenour, Ruth. .... Defiance, O.  
 Ritter, B. H. .... Daviess, Ind.  
 Roberts, R. A. .... Daviess, Ind.  
 Robertson, C. M. .... Sangamon, Ill.  
 Robinson, N. J. .... Berrien, Mich.  
 Rodger, John A. .... Queens, N. Y.  
 Romig, Mary G. .... Greenwood, Kas.  
 Ropp, Elsa. .... Shelby, Ind.  
 Ross, Herman. .... Pike, Ind.  
 Rotering, Edward A. ....  
     ..... Buffalo, Wis.  
 Rowisa, Theo. L. .... Philippine Is.  
 Russell, R. F. .... Bradford, Penna.  
 Ryan, Austin Thomas. ....  
     ..... Kent, Mich.  
 Sackett, John L. .... Ontario, N. Y.  
 Salmon, Roger W. .... LaSalle, Ill.  
 Schaub, J. Benton. .... Surry, N. C.  
 Schlarb, H. P. .... St. Joseph, Ind.  
 Schlosser, Vida. .... Marshall, Ind.  
 Schlutius, Milerna. .... Iroquois, Ill.  
 Schney, Guy W. .... Williamson, Ill.  
 Schuman, H. E. .... Whitley, Ind.  
 Schurr, Chas. .... Marshall, Ind.  
 Schurr, Clara E. .... Marshall, Ind.  
 Schwen, N. O. .... Lucas, Ohio  
 Shafer, Carl J. .... Richland, Ill.  
 Shepherd, Mary Anna. .... Page, Iowa  
 Shuler, W. J. .... Gallia, Ohio  
 Silverman, Ephriam. .... Porter, Ind.  
 Skripko, Joseph. .... Vermilion, Ill.  
 Smith, A. W. .... Decatur, Tenn.  
 Smith, Cecil C. .... Chester, Tenn.  
 Smith, Clint R. .... Marshall, Ky.  
 Smith, Greta. .... Barry, Mich.  
 Smith, Harry DeQuincey. ....  
     ..... Tuscaloosa, Ala.  
 Smith, J. Clint. .... Jeff. Davis, Miss.  
 Smith, Ralph P. .... Lake, Ind.  
 Smith, T. N. .... Massac, Ill.  
 Snider, Venus Mildred. ....  
     ..... Porter, Ind.  
 Snodgrass, Fred C. .... Allen, Ohio  
 Snyder, Ruth. .... Logan, Ill.  
 Sparks, Dale D. .... Porter, Ind.  
 Spierling, Herbert. .... Cook, Ill.  
 Speece, Mary. .... Luzerne, Penna.  
 Sprowls, J. W. ....  
     ..... Washington, Penna.  
 Starling, Roy S. .... Miller, Mo.  
 Stevenson, Geo. R. .... Elkhart, Ind.  
 Stewart, Raymond. ....  
     ..... Allegheny, Penna.  
 Stone, Albert L. .... Floyd, Ky.  
 Stoner, Paul. .... Porter, Ind.  
 Strahan, L. S. .... Covington, Miss.  
 Strikol, Michael. ....  
     ..... Montgomery, N. Y.  
 Strozewski, W. .... Cook, Ill.  
 Swearingen, Cordelia. .... Cass, Ind.  
 Sweringer, Lois. .... Cass, Ind.  
 Taaffe, Virginia. ....  
     ..... Pushmataha, Okla.  
 Tanguiso, Sebastian. .... Italy  
 Taylor, J. L. .... Marion, Ga.  
 Terry, F. L. .... Harvey, Kans.  
 Thatcher, Harold. .... Porter, Ind.  
 Thompson, J. J. .... Marshall, Ky.  
 Thompson, Mrs. J. J. ....  
     ..... Marshall, Ky.  
 Thorp, Lulu. .... Stoddard, Mo.  
 Thorson, Carrie A. .... Kankakee, Ill.  
 Tobinson, J. E. .... Cook, Ill.  
 Todd, N. K. .... Orleans, La.  
 Touve, P. Erwin. .... Marion, Ill.  
 Townsend, Clarence. ....  
     ..... Sangamon, Ill.  
 Townsend, Mary. .... Kankakee, Ill.  
 Trachsel, Louie S. .... Porter, Ind.  
 Traub, Emily L. .... Allen, Ind.  
 Trittip, Grover. .... Hamilton, Ind.  
 Tsamis, Tom. .... Cook, Ill.  
 Turner, Mary. .... Porter, Ind.  
 Twiner, Harold. .... Branch, Mich.  
 Tyler, Gem S. .... Calhoun, Mich.  
 Tymn, Frank H. ....  
     ..... Kingsbury, S. Dak.  
 Ulmer, E. M. .... Kosciusko, Ind.  
 Underwood, Clellia. .... Effingham, Ill.  
 Urbanowski, Leo. .... LaSalle, Ill.  
 Van Bodegraven, A. E. .... Cook, Ill.  
 Van Camp, Oliver C. ....  
     ..... Mingo, W. Va.  
 Van Camp, Sallie M. ....  
     ..... Mingo, W. Va.  
 Van de Sand, G. F. .... Platte, Mo.  
 Van Ness, John. .... Porter, Ind.  
 Vincent, Hazel. .... Woodward, Okla.  
 von Haugensvoll, Dudley. ....  
     ..... Allegheny, Pa.  
 Walch, Lawrence. .... Adams, N. D.  
 Walker, A. L. .... Summit, Ohio  
 Walker, Bessie. .... Gibson, Tenn.  
 Wanzer, Lottie L. .... Trumbull, O.  
 Ward, Rupert W. .... Teton, Mont.  
 Watrous, L. J. .... Lawrence, O.  
 Watson, Paul N. .... Harrison, Ind.  
 Weaver, N. B. .... Knox, Tenn.  
 Weems, Charles. .... Porter, Ind.  
 Weems, Edith. .... Porter, Ind.  
 Weigel, Earl J. .... Noble, Ind.  
 Weiss, Leonard. .... Bay, Mich.  
 Weit, Wm. .... Cook, Ill.  
 Westfall, O. E. .... Ashtabula, O.  
 Whightsel, Fred. .... Jasper, Ill.  
 Whisenhunt, Maud. .... Caddo, La.  
 Whisenhunt, R. P. .... Caddo, La.  
 Whitaker, Joseph A. .... Jefferson, Ia.  
 White, C. W. .... Putnam, Ohio

White, Howard P....	Gibson, Ind.	Worthington, E. J....	Richland, Ill.
White, L. M.....	Fayette, Ill.	Wright, Posie.....	Randolph, Ill.
Whitworth, Grover W....	Bond, Ill.	Wycislik, John F....	Cuyahoga, O.
Wilcox, Johnson.....		Yagmis, John.....	Cook, Ill.
.....	Lackawanna, Pa.	Yankey, Harry D....	Wayne, Mich.
Williams, Carl O.....	Cook, Ill.	Yarbrough, Joshua.....	
Williams, Claude L.....		.....	Craighead, Ark.
.....	Schuyler, N. Y.	Yerex, A. L.....	New Zealand
Williamson, Thula....	Pope, Ark.	Yerex, Lowell.....	New Zealand
Willis, Harry K.....		Young, Fred L.....	White, Ind.
.....	Lycoming, Penna.	Young, Guy K....	Spokane, Wash.
Wills, Verne W.....	Plymouth, Ia.	Young, Ida M.....	Mercer, W. Va.
Wilson, Paul.....	Henrico, Va.	Zack, Archie.....	Passaic, N. J.
Wilson, Leo.....	Green, Ind.	Zajack, John F.....	Cook, Ill.
Windle, Garland.....	Porter, Ind.	Ze Nar, Harry.....	Saguache, Colo.
Winter, R. E.....	Jones, Texas	Zerface, James E.....	
Wiser, Edwin A.....	Porter, Ind.	.....	Montgomery, Ind.
Wolon, Matilda Verona.....			
.....	Luzerne, Penna.		

## DEPARTMENT OF ENGINEERING.

### Graduates of 1912.

#### Degree of Civil Engineering.

Beckett, F. T.....	Quay, N. Mex.	Pointon, Francis.....	
Goldman, Hyman A.....	Canada	.....	Lackawanna, Penna.
Hultslander, Cornelius.....		Pulleyn, Manley L....	Norfolk, Va.
.....	Sullivan, N. Y.	Slote, David.....	New York, N. Y.
Hurme, Emil A.....	Cook, Ill.	Viquez, Manuel.....	Costa Rica

#### Degree of Bachelor of Civil Engineering.

Brigham, Royal E.....	Canada	McCue, Elbert.....	Finney, Kans.
Dougall, A. F....	Vermillion, Ill.	Mundhenke, Harry E....	Kings, Ill.
Forman, Louis S.....	N. Y., N. Y.	Ortiz, Francisco J....	Costa Rica
Giberson, George N.....		Patterson, Wm. J.....	Cook, Ill.
.....	Columbia, Penna.	Rosenblum, N. A.....	Kings, N. Y.
Grube, Jesse R....	Northampton, Pa.	Sellers, James E....	Hampden, Mass.
Hoyert, J. Harry.....	Dauphin, Penna.	Wilson, Thomas.....	Mexico
Kattman, Ralph H.....	Clay, Ind.		

### Class of 1912-1913.

Abromats, George.....	Fairfield, Conn.	Burkhart, E. L....	Schuyler, Pa.
Adams, George.....	Roanoke, Va.	Carlson, Barth.....	Kent, Mich.
Alvarez, Frederick....	Porto Rico	Carlson, Edward.....	Forest, Wis.
Anderson, George.....	Eau Claire, Wis.	Carlson, Elmer H....	Essex, Mass.
Anthony, Roland E....	Camden, N. J.	Campbell, Otis.....	Tippecanoe, Ind.
Ayan, Leo.....	Turkey	Campbell, R. Earle.....	
Balenski, Wm. F.....	Fairfield, Conn.	.....	Columbia, Penna.
Barnard, Herrel.....		Cannon, Irving.....	Hudson, N. J.
.....	Washington, Penna.	Carter, C. H.....	Middlesex, Mass.
Buyha, George E....	St. Louis, Mo.	Chute, Roy.....	Ramsey, Minn.
Bell, Victor H.....	San Diego, Calif.	Clifford, James.....	Porter, Ind.
Benson, Fred.....	Kent, Mich.	Crosland, B. N.....	Monroe, N. Y.
Bigman, S. L.....	Kings, N. Y.	Crook, A. B.....	Whiteside, Ill.
Bohard, Jas. J.....	Cook, Ill.	Cushing, H. C.....	Dawson, Mont.
Bowerman, Perry....	Platte, Wyo.	Darby, William.....	Westchester, N. Y.
Brichke, Isaac.....	Essex, N. J.	Degen, John Jr.....	Wright, Iowa
Broderick, Gordon.....		Dembinski, S. A.....	Cook, Ill.
.....	Winnebago, Wis.	Drapeau, Donald J.....	
Buckley, Rex E.....	Canada	.....	Houghton, Mich.
Buesching, Wm.....	Allen, Ind.	Dubow, Albert....	Rock Island, Ill.
Bungshe, Bruno.....	Russia	Duchen, Solomon....	South Africa
Buoy, Chester.....	Erie, Penna.	Duncan, Wayne....	Yakima, Wash.



- Durst, R. C. . . . . Garrett, Md.  
 Duszynski, Walter. . . Hudson, N. J.  
 Ebert, Charles. . . . . Lake, Ind.  
 Eisnach, Frank. . . . . Newaygo, Mich.  
 Emswiler, Owen. . . Hennepin, Minn.  
 Erway, Herbert. . . . . Schuyler, N. Y.  
 Ershman, Carl F. . . . .  
 . . . . . Northhampton, Penna.  
 Farah, Henna K. . . . . Syria  
 Field, Raymond. . . . . Madison, N. Y.  
 Fife, Elbert. . . . . Parker, Texas  
 Fischer, A. W. . . . . Clinton, Ill.  
 Flinn, Earl W. . . . . Miami, Ohio  
 Flux, Paul A. . . . . Rockingham, N. H.  
 Forman, Louis. . . . . Kings, N. Y.  
 Fox, Burton. . . . . Alameda, Calif.  
 Freeman, E. S. . . . . Dade, Fla.  
 French, A. E. . . . . Wells, Ind.  
 Galt, J. C. . . . . Carter, Okla.  
 Gellona, Eugene. . . . . Chile, S. A.  
 Giberson, George. . . Columbia, Tenn.  
 Gibson, Albert. . . . . Caldwell, Mo.  
 Gillaland, Albert. . . . Porter, Ind.  
 Goldberg, W. . . . . Russia  
 Goldstein, Sigmund. . . . Cook, Ill.  
 Gould, Emery. . . . . Rock Island, Ill.  
 Greaves, Alex. . . . . El Paso, Texas  
 Graemiger, J. A. . . . . Kent, R. I.  
 Greensmith, Geo. H. . Hamilton, O.  
 Grosenbeck, Peter. . Dutchess, N. Y.  
 Grube, Jesse R. . . . .  
 . . . . . Northhampton, Penna.  
 Guevara, Francisco. . . .  
 . . . . . Philippine Is.  
 Hardy, Thomas. . . . . Adams, Ill.  
 Hair, Stanley. . . . . Chaves, N. Mex.  
 Hanson, Raymond. . . . .  
 . . . . . San Bernardino, Calif.  
 Harms, Fred. . . . . Ozaukee, Wis.  
 Harrington, Raymond L. . .  
 . . . . . Worcester, Mass.  
 Harrison, Cecil H. . . Vermilion, Ind.  
 Hartman, R. O. . . . . Madison, Ill.  
 Henderson, Gust. . . . .  
 . . . . . Black Hawk, Iowa  
 Heym, Earle F. . . . . Hartford, Conn.  
 Hickman, H. E. . . . .  
 . . . . . Allegheny, Penna.  
 Higgins, Alex. . . . . Somerville, Mass.  
 Hill, W. E. . . . . St. Clair, Ill.  
 Horn, Willis. . . . . Logan, Ill.  
 Howe, Harry B. . . . . Ontario, N. Y.  
 Inscho, Leland. . . . . Broome, N. Y.  
 Irving, Oscar. . . . . Geauga, Ohio  
 Jungjohann, Harry. . . . Porter, Ind.  
 Jackson, H. M. . . . . St. Louis, Mo.  
 Jeroslau, William. . . . N. Y., N. Y.  
 Jenkins, Edw. S. . . . . Essex, Mass.  
 Jimenez, F. . . . . Costa Rica  
 Johnson, A. F. . . . . Bottineau, N. D.  
 Johnson, B. W. . . . . Lancaster, S. C.  
 Johnston, Harry. . . . . Brooklyn, N. Y.  
 Jones, R. H. . . . . Crow Wing, Minn.  
 Jorgensen, Halger. . . . .  
 . . . . . Newaygo, Mich.  
 Juckett, Wm. D. . . . . Dutchess, N. Y.  
 Junken, Lawrence. . . . . Hendricks, Ind.  
 Jurewitz, Jolen. . . . . Suffolk, Mass.  
 Kaminger, Otto. . . . . Ottawa, Mich.  
 Karanoff, Ivan D. . . . . Bulgaria  
 Kingman, Lawrence. . . . .  
 . . . . . Chelan, Wash.  
 Kipnis, B. Z. . . . . Cook, Ill.  
 Knutsen, Chas. . . . .  
 . . . . . Yellow Medicine, Minn.  
 Kokomoor, F. W. . . . . Spencer, Ind.  
 Koller, Norman. . . . . Ottertail, Minn.  
 Koon, Y. H. . . . . Korea  
 Krebs, Herbert. . . . .  
 . . . . . Cattaraugus, N. Y.  
 Krull, William J. . . . . Lake, Ind.  
 Kryszewski, Chas. . . . Hudson, N. J.  
 Kurtz, J. I. . . . . Hennepin, Minn.  
 Lachoff, Joseph. . . . . Russia  
 Lamotte, Fred. . . . . Jasper, Ill.  
 Lanning, Leland. . . . . Oneida, N. Y.  
 Larson, Edward G. . . . .  
 . . . . . Worcester, Mass.  
 Lavallade, Carlos. . . . . Mexico  
 Leap, F. E. . . . . Tipton, Ind.  
 Leland, H. F. . . . . Worcester, Mass.  
 Lennon, James F. . . . .  
 . . . . . Musselshell, Mont.  
 Lerner, Harry. . . . . New York, N. Y.  
 Lorenzo, Carmen. . . . . Canada  
 Lowe, L. Howard. . . . .  
 . . . . . Washington, D. C.  
 Lukwinski, Leon. . . . . Cook, Ill.  
 McBride, John. . . . . Mankato, Kans.  
 McDonald, Earle. . . . . Huron, Mich.  
 McGinn, John. . . . . Denver, Colo.  
 McIntyre, Sam B. . . . .  
 . . . . . Pittsburgh, Penna.  
 McNiece, Floyd. . . . . Porter, Ind.  
 McNiece, James. . . . . Porter, Ind.  
 McQuiston, Clayton. . . Porter, Ind.  
 Macdonald, John. . . . Windham, Conn.  
 MacFarlane, John. . . . Cass, N. Dak.  
 Macnamara, Walter. . . Norfolk, Va.  
 Malecki, E. E. . . . . Erie, N. Y.  
 Malinovsky, A. . . . . N. Y., N. Y.  
 Mansom, W. E. . . . . Allegheny, Penna.  
 Margolis, J. . . . . N. Y., N. Y.  
 Marnan, Jas. . . . . Rosedale, Kans.  
 Marsh, J. I. . . . . Scioto, O.  
 Marshall, Carl. . . . . Cook, Ill.  
 Martz, Glenn H. . . . .  
 . . . . . Pennington, Minn.  
 Mason, Louis E. . . . . Monroe, N. Y.  
 Mather, Paul. . . . . Cook, Ill.  
 Maxwell, John. . . . . Cook, Ill.  
 Mediclelo, Theo. . . . . Philippine Is.  
 Middleton, W. C. . . . . Genesee, Mich.  
 Millard, Robert. . . . . Canada  
 Miller, Henry. . . . . Seneca, Ohio  
 Mills, Stewart C. . . . .  
 . . . . . Crow Wing, Minn.  
 Mitchell, Earl N. . . . .  
 . . . . . Venango, Penna.  
 Moore, Lawrence. . . . . Sangamon, Ill.  
 Morgan, William. . . . . Hamilton, Tenn.  
 Mundhenke, H. E. . . . . Ogle, Ill.  
 Mushrush, Roy S. . . . . Jefferson, O.  
 Mythaler, Stanley. . . . .  
 . . . . . Black Hawk, Iowa

Nabut, Morris.....	Philadelphia, Penna.	Smalley, C. E.....	Jackson, Minn.
.....	Philadelphia, Penna.	Smith, C. C.....	Jasper, Ind.
Nelson, A. W.....	Itasca, Minn.	Snyder, Glenn E.....	Union, Penna.
Neuhart, E. H.....	Polk, Mo.	Snyder, William H.....	Canada
Norberg, Roger.....	Gogebic, Mich.	Sofferman, Irving.....	Hudson, N. J.
Fox, Barton.....	Alameda, Calif.	Sorneir, Raymond.....	Howard, Ind.
Olzynski, Frank.....	Erie, N. Y.	Stafford, Earl.....	Lee, Iowa
Palmer, Ralph.....	Clayton, Iowa	Stoddard, Stanley.....	Ontario, N. Y.
Parker, George A.....	Webster, Utah	Studenroth, S. L.....	.....
Pavlicosky, P. J.....	Cambria, Penna.	.....	Lancaster, Penna.
Perez, Charles.....	Coahuila, Mexico	Theroux, Frank.....	Buncombe, N. C.
Perloff, Max.....	Philadelphia, Penna.	Thomas, C. V.....	Fairfield, Conn.
Perrine, Frank.....	Porter, Ind.	Thorn, George E.....	Humboldt, Iowa
Personius, Roger A.....	Tloga, N. Y.	Thornton, A. L.....	Pocahontas, Iowa
Peshkoff, Timothy.....	Russia	Tomlinson, Clyde.....	Starke, Ind.
Peters, Parker.....	Clarion, Penna.	Trainer, A. C.....	Washington, Ind.
Petty, Ralph.....	Ontario, N. Y.	Trinkler, Walter H.....	Poland
Plachta, J. F.....	Essex, Mass.	Troxel, Herman G.....	St. Joseph, Ind.
Pound, Claude.....	Cass, Mich.	Tucker, Ernest A.....	Essex, Mass.
Pulkkinen, Adolf.....	Russia	Valdes, J.....	Philippine Is.
Robenovich, B.....	Kings, N. Y.	Viquez, Manuel.....	Costa Rica
Rehnberg, John.....	Cook, Ill.	Waddle, Earle.....	Christian, Ill.
Reese, E. K.....	Yavapai, Ariz.	Walterhouse, Geo.....	St. Joseph, Ind.
Richardson, F. T.....	Franklin, Ky.	Warner, Chester.....	Cook, Ill.
Riggenback, Carl.....	Wetzel, W. Va.	Weed, Charles E.....	Ottawa, Mich.
Rogers, J. Van.....	Covington, Miss.	Welboan, Lee C.....	Alameda, Calif.
Rosenzweig, Eugene.....	Kings, N. Y.	West, Herschel.....	Jay, Ind.
Rowe, Llewellyn.....	Somerset, Penna.	Whitney, Fred.....	Manitowoc, Wis.
Rupe, A. D.....	Kosciusko, Ind.	Wickam, R. S.....	Schuyler, N. Y.
Moreno, Francisco S.....	Cuba	Willes, Hoadley.....	.....
Sackett, John L.....	Ontario, N. Y.	.....	New Haven, Conn.
Sacra, Charles.....	Carter, Okla.	Wilner, Samuel.....	Kings, N. Y.
Sandro, Meredith.....	Jay, Ind.	Wilson, Earl L.....	.....
Schaub, J. B.....	Surry, N. C.	.....	Lycoming, Penna.
Schnebley, J. W.....	Washington, Md.	Winningham, A. J.....	Harrison, Mo.
Shanks, Everett.....	Porter, Ind.	Wolfson, Abraham.....	N. Y., N. Y.
Shelton, William.....	.....	Wong, Walter B.....	China
.....	Chautauqua, N. Y.	Wood, Lloyd.....	Butte, S. Dak.
Sherwood, A. B. Jr.....	.....	Yalowitz, Ben.....	Lake, Ind.
.....	Tom Green, Texas	Young, Arthur.....	Jamaica, B. W. I.
Shirley, Charles.....	Lake, O.	Young, W. C.....	Cherokee, Texas
Simon, Hans.....	Germany	Zajicek, John.....	Cook, Ill.
Skalandziun, P.....	.....	Zavitz, Harold M.....	.....
.....	New Haven, Conn.	.....	Ontario, Canada
Smalley, Art.....	DeKalb, Ind.		

## CLASSICAL DEPARTMENT.

## Graduates of 1912.

Aldstadt, David A.....	Bedford, Penna.	Kincius, Joseph.....	Luzerne, Penna.
Baldwin, Evangeline.....	Wayne, Ind.	Lumbard, Lewis B.....	LaPorte, Ind.
Blackburn, Ray S.....	Scioto, Ohio	Miller, Alexander.....	Saline, Kans.
Brenza, Damie C.....	Luzerne, Penna.	Morrison, J. Cayce.....	Shelby, Ill.
Brenza, Julius C.....	Luzerne, Penna.	Park, Emma.....	Brook, Ind.
Brian, H. E.....	Lawrence, Ill.	Parrill, C. D.....	Fayette, Ill.
Cobb, Mary M.....	Porter, Ind.	Peterson, Eddene.....	Humboldt, Iowa
Coldren, Gordon.....	Fayette, Penna.	Shaffer, W. J.....	Crawford, Penna.
Daggett, Calvin.....	Porter, Ind.	Stotlar, Kent.....	Williamson, Ill.
DeWane, T. F.....	Kewaunee, Wis.	Thompson, Lucy Cathryn.....	.....
Erwin, C. F.....	Parker, Texas	.....	Deerlodge, Mont.
Gallagher, Edw. D.....	Saginaw, Mich.	Treese, H. S.....	Indiana, Penna.
Hutchinson, Dora A.....	Porter, Ind.	Treitz, Otealia L.....	Wayne, Mich.
		Yuskaitis, Frank J.....	.....
		.....	Plymouth, Mass.



**Class of 1912-1913.**

Abramovitch, W. M....Cook, Ill.	Ivins, B. F.....Marshall, Ind.
Armstrong, Gabrielle.Richland, O.	Johnson, Waylan.....White, Ill.
Barker, H. C.....Porter, Ind.	Lucas, C. O.....Hughes, Okla.
Behnke, J. E.....Essex, N. J.	McFarland, Joy....Claiborne, La.
Bowman, Mae M...Kosciusko, Ind.	McLaren, Nelle.....Bond, Ill.
Briggs, Cora.....Hillsdale, Mich.	Neupert, Geo. L.....Starke, Ind.
Crockett, Ethel.....Porter, Ind.	Parker, L. W.....
DeWitt, Dorothy....Porter, Ind.	.....Switzerland, Ind.
Dorough, J. L.....Jefferson, Ala.	Parsons, Earl V..Jackson, W. Va.
Epple, S. L.....Spencer, Ind.	Powell, Libbie...Winnebago, Ill.
Fitzpatrick, Frank.Jefferson, Ky.	Raworth, D. W...Haywood, Tenn.
Fuguitt, G. V.....Perry, Ky.	Stone, Calvin P.....Jay, Ind.
Gold, C. E.....	Strickland, E. W....Tattnall, Ga.
.....Northumberland, Penna.	Willson, L. H.....Fulton, O.
Heini, F. C.....Cherokee, Iowa	Worthington, J. E..DeKalb, Ind.
Hickman, A. R..Allegheny, Penna.	Zentmeyer, Ethel..Hamilton, Ind.

**DEPARTMENT OF MUSIC.****Graduates of 1912.****Diploma Course.****Piano.**

Gosch, Loy M.....Barry, Mich.

**Voice.**

Williams, Harry E.....South Wales, Eng.

**Teachers' Certificate Course.****Pipe Organ.**

Amstutz, Fanny S....Porter, Ind.

**Piano.**

Amstutz, Fanny S....Porter, Ind.	Matthews, Violette....Lake, Ind.
Amundsen, Martha J.....	Porter, Lucile G..Chouteau, Mont.
.....Beltrami, Minn.	Scott, Anna.....Moultrie, Ill.
Brown, Ada.....Sevier, Ark.	Shurte, Blanche C.....
Dennis, Marion.....Pike, Ill.	.....LaPorte, Ind.
Farver, Grace P...St. Joseph, Ind.	Utterback, Mrs. Verna.....
Lantto, Mrs. Emil.....	.....Richland, Ill.
.....Houghton, Mich.	

**Voice.**

Brown, Ruth Axe....Porter, Ind.

**Public School Music.**

Amundsen, Martha J.....	Kent, Mrs. Ora.....Whitley, Ind.
.....Beltrami, Minn.	Kinsey, Gladys F...DeKalb, Ind.
Arndt, Alice M.....Taylor, Wis.	Mavity, Mae.....Porter, Ind.
Elson, Alda.....DeKalb, Ind.	Mawhorter, Beulah...Noble, Ind.
Gardner, Mabelle.....Mesa, Colo.	Morris, Gertrude.....
Glass, Louise.....Grant, Wis.	.....Lackawanna, Penna.
Godshall, Pearl...Marinette, Wis.	Moser, Mrs. Lloyd.Fayette, Penna.
Hannon, Fannie B....Porter, Ind.	Renfro, Cora M.....Jefferson, Ind.

## Class of 1912-1913.

Abbenseth, Margaret....	Lake, Ind.	Davis, V. T.....	Osceola, Mich.
Adams, Bertha B.....	Madison, Ill.	Deal, Audrey.....	Wabash, Ind.
Agar, Edna.....	Porter, Ind.	Deardorf, Nellie.....	Defiance, O.
Akeman, Ola.....	Crawford, Ill.	Delaney, James.....	Hamilton, O.
Albrecht, Amelia.....	Scott, Mo.	Devine, Hazel.....	Starke, Ind.
Alderson, Phyllis.....	Fayette, Ill.	Dowling, Sudie.....	Gibson, Tenn.
Allen, Beulah.....	Obion, Tenn.	Dustman, Otto.....	Manitowoc, Wis.
Anderson, Bernice....	Wayne, Ind.	Dyer, Cora.....	Carter, Okla.
Arbor, Besse.....	So. Bend, Ind.	Echols, Eva.....	Boone, W. Va.
Arthur, Agnes.....	Grant, Ind.	Edelson, Barnett.....	Hamilton, O.
Astranskas, A. L.....	Cook, Ill.	Edwards, Mabel L.....	Fulton, Penna.
Bach, H. A.....	Stevens, Minn.	Elliott, Walter R.....	Washington, Ind.
Ballenger, Litha.....	Porter, Ind.	Eminger, Wilma.....	St. Joseph, Ind.
Barnes, Jeanette.....	Porter, Ind.	Erwin, Ireta.....	Adams, Ind.
Bartholomew, Dr. C. L.....	Porter, Ind.	Eterno, James.....	Cook, Ill.
Bassford, Eunice.....	Door, Wis.	Evans, Irene.....	Adams, Ind.
Baily, Lulu R.....	Greene, Penna.	Fabing, Mary.....	Porter, Ind.
Bastian, Jeanette.....	Lycoming, Penna.	Fadness, Anna O.....	Columbia, Wis.
Bayne, Russell.....	Clinton, Ind.	Felcamp, Faye.....	Bureau, Ill.
Beam, Bessie.....	Porter, Ind.	Ferguson, Cora.....	Spencer, Ind.
Beard, Fred L.....	Pike, Miss.	Foster, Mona Belle.....	Porter, Ind.
Bell, Ona.....	Van Wert, O.	Foust, Grace.....	Huntington, Ind.
Benkie, J. Raymond....	Porter, Ind.	Fouts, Ola I.....	Stark, Ill.
Billman, Bessie C.....	Noble, Ind.	Frame, Florence....	LaPorte, Ind.
Black, Calla.....	Perry, Ind.	Frost, Alva.....	Fayette, Penna.
Bodine, Eva Pearl....	Shelby, Ill.	Gablowsky, Alma.....	Outagamie, Wis.
Bogarte, Lillian.....	Porter, Ind.	Gardner, Emma E.....	Webster, W. Va.
Bowman, Rosalie.....	Carter, Okla.	Garwick, Olive M....	Carroll, Ill.
Boyd, Isabel.....	Gibson, Ind.	Gaylor, W. L.....	Porter, Ind.
Blinn, Ruth.....	Logan, O.	German, Mrs. A. S.....	Richland, Wis.
Brazil, Mary J.....	LaPorte, Ind.	Goedecke, Walter.....	Sauk, Wis.
Briggs, Margaret.....	Porter, Ind.	Goldeng, Vesta.....	Stark, Ind.
Briggs, Mildred.....	Porter, Ind.	Goshert, Clara.....	Kosciusko, Ind.
Brown, Joe.....	Socorro, N. Mex.	Gravez, Julia.....	Perry, Ind.
Brown, Mae.....	Porter, Ind.	Green, Carrie M.....	Cascade, Mont.
Brownell, C. L.....	Porter, Ind.	Griebel, Irene.....	Porter, Ind.
Brumback, P. G.....	Newton, Mo.	Gustafson, Victoria..	Barron, Wis.
Brunswold, Wm.....	Williams, N. Dak.	Guttersen, Gyda.....	Ramsey, Minn.
Bryant, Della.....	Osage, Okla.	Haberkorn, Josephine.....	Iroquois, Ill.
Bushey, Blanche E.....	Adams, Penna.	Hagerman, Anna A.....	Cook, Ill.
Butt, D. Carl.....	Warren, Ind.	Harcourt, Roy A.....	Tillman, Okla.
Buzan, W. P.....	San Francisco, Calif.	Hardy, Lotta.....	Denver, Colo.
Cade, May.....	Fountain, Ind.	Harrell, Carra.....	White, Ill.
Callaway, Ora.....	Washington, Ind.	Harris, Katye.....	Polk, Ga.
Card, Harold.....	Porter, Ind.	Harris, Velma L.....	Madison, Ind.
Case, Glenn.....	LaGrange, Ind.	Harrison, Marjory....	Knox, Ohio
Cekul, Edward.....	Westchester, N. Y.	Heard, Martha.....	Porter, Ind.
Chapman, Grace.....	Roane, W. Va.	Heineman, Lela.....	Porter, Ind.
Chenoweth, Mabel....	Porter, Ind.	Hibbs, Jenny Lind.....	Sumner, W. Va.
Chesney, Esther.....	Stark, Ill.	Hill, Allene.....	Porter, Ind.
Chestnut, Z. M.....	Jasper, Ill.	Hinshaw, Edith.....	Porter, Ind.
Claussen, Myrtle.....	Porter, Ind.	Hinshaw, Wm. Wade	Porter, Ind.
Connell, Mary.....	Sebastian, Ark.	Hollowell, Pearl.....	Miss., Ark.
Cook, Edith.....	Kankakee, Ill.	Horn, Peter.....	Noble, Okla.
Cook, Sylvia.....	Kankakee, Ill.	Hough, Pansy.....	Calhoun, Iowa
Corley, Cecil.....	Shelby, Ill.	Hoy, Sarah L.....	Mifflin, Penna.
Crim, Edgar.....	Marshall, W. Va.	Huber, Anetta.....	Hutchinson, S. D.
Crundwell, P. C.....	Marion, Ill.	Huffman, Amanda J.....	Marshall, Ind.
Curtis, Lewis.....	Porter, Ind.	Hulten, John.....	Douglas, Wis.
Dalrymple, Jane.....	Porter, Ind.		
Davis, Kate.....	Marion, W. Va.		
Davis, Mary.....	Marion, W. Va.		



- Hunt, Walter.....Chaffee, Colo.  
 Isben, Mable.....Forrest, Ill.  
 Jackson, Lera.....Porter, Ind.  
 Jackson, Walter....Antrim, Mich.  
 Jellison, H. A.....Whitley, Ind.  
 Jensen, Myrtle.....  
     .....Koochiching, Minn.  
 Jewett, Euphemia G.....Canada  
 Johns, Cora M.....Dickinson, Mich.  
 Johnston, Helen M.....Porter, Ind.  
 Jones, Dora.....Putnam, Ill.  
 Jones, Gus B.....Nicholas, W. Va.  
 Jones, Thomas A.....  
     .....Somerset, Penna.  
 Jones, Junita.....Crittenden, Ark.  
 Jungjohan, Anna.....Porter, Ind.  
 Kelley, Nell.....LaPorte, Ind.  
 Kemp, Laura.....Porter, Ind.  
 Kenyon, Ethel....Cooper, Texas  
 Kent, Mrs. Ora.....Whitley, Ind.  
 Kilmartin, Mary.....Cook, Ill.  
 Kimble, Clara.....Jay, Ind.  
 Kimmel, Iowa.....Whitley, Ind.  
 Knicely, E. Gertrude.....  
     .....Muskingum, O.  
 Koester, Minnie L. Madison, Nebr.  
 Kruse, Eva M.....Porter, Ind.  
 Lake, Ebba.....Grant, Minn.  
 Lane, May.....Roane, Tenn.  
 Larson, Hulda.....Ramsey, Minn.  
 Latstetter, John. Harrison, W. Va.  
 Lavery, Lois.....Barton, Mo.  
 Leffingwell, Irene.....Porter, Ind.  
 Lemster, Ben.....Porter, Ind.  
 Lewis, Iris.....Starke, Ind.  
 Lickiss, Ethel.....Randolph, Ill.  
 Lindner, Mrs. Grace..Porter, Ind.  
 Lindsey, Fred O.....White, Ind.  
 Louderback, Edith.....Porter, Ind.  
 McCarty, Goldie.....Piatt, Ill.  
 McCann, L. Mae.....Lake, Ind.  
 McCumber, Vivian..Douglas, Ill.  
 McFarland, Joy....Claiborne, La.  
 McNall, Goldie.....Van Wert, O.  
 McNutt, Mrs. Geo.....Porter, Ind.  
 MacVean, Mrs. L. J.....  
     .....Allegan, Mich.  
 Macy, Lucille.....McLean, Ill.  
 Maguire, Ruth.....Porter, Ind.  
 Manville, Beatrice..Osceola, Iowa  
 Manville, Bernice...Osceola, Iowa  
 Marquardt, Lee D....Starke, Ind.  
 Marquart, Hazel.....Porter, Ind.  
 Marshall, Ethel.....Porter, Ind.  
 Merrill, W. L.....Tioga, N. Y.  
 Metcalf, H. H.....Canada  
 Metcalf, Howard..Whiteside, Ill.  
 Meyers, George.....Starke, Ind.  
 Miller, Alice.....Lake, Ind.  
 Miller, Colwell....Randolph, Ind.  
 Milner, Hayden.....Cook, Ill.  
 Mitchell, Gertrude.....Porter, Ind.  
 Morris, Grover C.....  
     .....Comanche, Texas  
 Morris, Jesse.....Dallas, Texas  
 Moser, Mrs. Lloyd. Fayette, Penna.  
 Myers, Edith B.....Porter, Ind.  
 Narkovic, Walter.....Cook, Ill.  
 Neal, Lena M.....Champaign, Ill.  
 Nelson, Ethel G.....Cass, Ind.  
 Nelson, Irene.....White, Ind.  
 Nelson, Lillie.....Starke, Ind.  
 Nenno, Glenn....Allegheny, N. Y.  
 Nicholson, Mrs. Catharine.....  
     .....Shoshone, Idaho  
 Nixon, Dr. C. A.....Porter, Ind.  
 Nuppnau, Lillian....Porter, Ind.  
 O'Dell, Vera.....St. Joseph, Ind.  
 Orr, John L.....Dunklin, Mo.  
 Owen, Maudena....Hamilton, Ind.  
 Owen, Mrs. Newton..Porter, Ind.  
 Pattee, Nola.....Lake, Ind.  
 Peddicord, Adria..Chemung, N. Y.  
 Penning, Emma.....Lake, Ind.  
 Perry, Edith.....Will, Ill.  
 Piepenbrink, Louise.....  
     .....Randolph, Ill.  
 Pierce, Ethel W....Calhoun, Mich.  
 Pinter, Myrtle.....Porter, Ind.  
 Prausa, Charles G..Oconto, Wis.  
 Priest, Mabel A.....Porter, Ind.  
 Quinn, P. B.....Pueblo, Colo.  
 Rab, Olga.....Will, Ill.  
 Richards, Don L.....Porter, Ind.  
 Richey, Besse B....Pueblo, Colo.  
 Robinson, Helen....Union, Iowa  
 Roessler, Louise....Porter, Ind.  
 Rogers, Esther..Covington, Miss.  
 Rogers, Vesta....Covington, Miss.  
 Root, Anna.....Alfalfa, Okla.  
 Root, Minnie.....Alfalfa, Okla.  
 Roy, Blanche..Lauderdale, Tenn.  
 Roy, Margaret..Lauderdale, Tenn.  
 Saller, Frederika.....Will, Ill.  
 Salyer, Grace E.....Porter, Ind.  
 Sawyer, Mabel.....Porter, Ind.  
 Sawyer, Pearl B....Porter, Ind.  
 Sayers, Ingle.....Wexford, Mich.  
 Schafmayer, Augusta.....  
     .....Jo Daviess, Ill.  
 Schneider, Erma.....Cass, Ind.  
 Schreiber, Claudie...Lake, Ind.  
 Scott, Anna.....Moultrie, Ill.  
 Scott, Barbara A...Laramie, Wyo.  
 Scott, Bessie.....White, Ind.  
 Scott, Charles.....Marshall, Ind.  
 Sczold, Bernard....Porter, Ind.  
 Shankland, Bernard...Cass, Ind.  
 Short, John E.....Starke, Ind.  
 Shupe, Vera Grace...Grundy, Ill.  
 Shriffier, Vesta....Kankakee, Ill.  
 Sinkus, Paul.....Kings, N. Y.  
 Slaugenhaupt, Gladys.....  
     .....Clarion, Penna.  
 Snyder, Bessie....Marshall, Ind.  
 Sprencel, Lillian....Porter, Ind.  
 Stager, A. D.....Harrison, W. Va.  
 Starnes, Oral.....Fayette, Ill.  
 Sterling, Walter..Newaygo, Mich.  
 Stevens, Helen R....Porter, Ind.  
 Stewart, Madge.....Noble, Ind.  
 Stoner, Forest.....Porter, Ind.  
 Stoner, Ruth.....Porter, Ind.  
 Studabaker, Mildred.....  
     .....New Madrid, Mo.  
 Stuenkel, Lydia.....Will, Ill.

Suddarth, Leona.....Perry, Ind.  
 Tassie, Ralph.....Wayne, Mich.  
 Taylor, Earl.....Switzerland, Ind.  
 Thompson, Sam.....Huntington, Ind.  
 Tallman, Bertha.....Lucas, O.  
 Tosh, Nettie M.....Berks, Penna.  
 Townley, Mrs. A. C.....  
 .....Golden Valley, N. D.  
 Travis, Millicent.....LaCrosse, Wis.  
 Turner, Carrie.....Porter, Ind.  
 Uksila, Lena.....Houghton, Mich.  
 Wahl, Esther.....Porter, Ind.  
 Walker, Carlee.....Gibson, Tenn.  
 Walker, Fleda.....Ionia, Mich.  
 Walker, Hazel.....Crawford, Ill.  
 Walker, L. M.....Coles, Ill.  
 Walters, Gladys.....Richland, Ill.

Welty, Adelina.....Putnam, O.  
 Wetzler, Jessie.....Porter, Ind.  
 Wetzler, Mertle.....Porter, Ind.  
 White, Minor E.....Fayette, Ill.  
 Whitlock, Carolyn.....Porter, Ind.  
 Williams, Estelle.....Ida, Iowa  
 Williamson, Clifford.....  
 .....Randolph, W. Va.  
 Wilson, Ruth.....Henry, Mo.  
 Wolfe, Frank.....Ballard, Ky.  
 Wolon, Matilda V.....  
 .....Luzerne, Penna.  
 Wood, Lloyd.....Butte, S. Dak.  
 Woodis, Ruth C.....  
 .....Blue Earth, Minn.  
 Young, C. A.....Clearfield, Penna.  
 Zahorik, Daniel.....Porter, Ind.

## DEPARTMENT OF ELOCUTION AND ORATORY.

### Graduates of 1912.

#### Master of Oratory Degree.

Bassett, Octa L...Providence, R. I. Thomas, Robert E.....  
 Moss, William P.....Clay, N. C. ....Blue Earth, Minn.  
 Tyson, J. R.....Jefferson, Penna.

#### Bachelor of Oratory Degree.

Bush, Mabel E.....Marion, Mo.  
 Camblin, M. Maydell.....Newton, Ind.  
 Colpaert, Achille.....Belgium  
 Dawson, D. E.....Cooke, Tenn.  
 Dickey, Eunice A...Kankakee, Ill.  
 Dihke, Theodore.....Milwaukee, Wis.  
 Hogansen, Etta W...La Salle, Ill.  
 Holden, Lyle.....McKean, Penna.  
 Mason, Jr., W. A...Randolph, Ga.  
 Matt, Adelbert W...Clayton, Iowa  
 McNutt, Patterson.....Porter, Ind.  
 Moore, William R.....Ireland  
 Parks, Elta M.....Stephenson, Ill.  
 Ratkovich, Stephen.....Cook, Ill.  
 Stagner, Lillie.....Butler, Kans.  
 Van Bodegraven, A. E...Cook, Ill.

### Class of 1912-1913.

Bridis, Libertas.....Cook, Ill.  
 Dawson, Edwin.....Cook, Ill.  
 Echols, Eva.....Boone, W. Va.  
 Elsnor, Anna.....Cedar, Iowa  
 England, Gladah.....Ionia, Mich.  
 Giesler, George.....Clinton, Mo.  
 Harcourt, Roy.....Tillman, Okla.  
 Hauser, L. S.....Sussex, Va.  
 Holmes, L. R.....Cook, Ill.  
 Johnson, Robert.....Dickey, N. D.  
 Knicely, M. Mae.....Muskingum, O.  
 Lambert, Otto.....Logan, W. Va.  
 Lucas, Clive O.....Hughes, Okla.  
 McClure, Gertrude.....Knox, Ill.  
 Mason, Faye.....Tazewell, Ill.  
 Nicholson, Josephine.....Norfolk, Va.  
 O'Donnell, Mary.....Cass, Ind.  
 Pearson, Anna.....Oneida, Wis.  
 Perkins, Mrs. L. A.....  
 .....Tuscola, Mich.  
 Puls, Edwin.....Erie, N. Y.  
 Reynolds, Mabel.....Knox, Ill.  
 Richardson, Marguerite.....  
 .....Webster, Nebr.  
 Roberts, W. T.....  
 .....Washington, Ind.  
 Robinson, Doris L...Sandusky, O.  
 Russell, Viva.....LaPorte, Ind.  
 Schlosser, Margaret.....Cook, Ill.  
 Senoren, Francisco.....Porto Rico  
 Sigler, Elmer.....Mohave, Ariz.  
 Smith, Mrs. Lois.....Stanislaus, Calif.  
 Smith, Samuel.....Allegheny, Penna.  
 Snyder, Luther.....Pickaway, Ohio  
 Stentz, Robert.....Wapello, Iowa  
 Strain, W. Floyd.....Carroll, Ohio  
 Thorson, Torleiv.....Canada  
 Tully, Lucile.....Fayette, W. Va.  
 Wagoner, Edna.....Porter, Ind.  
 Walker, Carlee.....Gibson, Tenn.  
 Wilson, Ruth.....Henry, Mo.

## DEPARTMENT OF FINE ART.

### Graduates of 1912.

#### Diploma.

Miner, Cora.....Prairie, Ill.  
 Prange, Anna E.....Allen, Ind.  
 Rolston, Lelia E.....Canada

#### Normal Art.

Bell, Elizabeth H.....  
 .....Clearfield, Penna.  
 Erwin, Lola Belle.....Porter, Ind.  
 Kubaugh, Carolyn.....Jefferson, Ky.



Luttig, Alvena L. . . . . Richland, Wis.  
 Ritenour, Seraphine . . . . .  
 . . . . . Shenandoah, Va.  
 Steele, Ferol . . . . . Hughes, S. Dak.

Smith, Louise M. . . . . Livingston, Ill.  
 Tennant, Hazel . . . . . Chenango, N. Y.  
 Weidenkopf, Nellie May . . . . .  
 . . . . . Sauk, Wis

#### Class of 1912-1913.

Agar, Edna . . . . . Porter, Ind.  
 Anderson, Gladys . . . . . Newton, Ind.  
 Askew, Myrtle . . . . . Iroquois, Ill.  
 Berger, Elwood . . . . . Elkhart, Ind.  
 Berkley, C. M. . . . . Cook, Ill.  
 Berkman, Nellie . . . . . Roseau, Minn.  
 Biggart, Lucie L. . . . . Porter, Ind.  
 Black, Henry . . . . . Gallatin, Ill.  
 Bolds, Marie . . . . . Jay, Ind.  
 Boyd, Isabelle . . . . . Gibson, Ind.  
 Brandt, Dora Dean . . . . . Delaware, Ind.  
 Brazill, Mary . . . . . LaPorte, Ind.  
 Broad, Hazel . . . . . Porter, Ind.  
 Brooks, Lottie M. . . . . LaPorte, Ind.  
 Brown, James E. . . . .  
 . . . . . Yellowstone, Mont.  
 Burson, Pearl . . . . . Porter, Ind.  
 Burton, Herbert L. . . . . Marion, Mo.  
 Buzzell, Althea . . . . . Cook, Ill.  
 Capron, Myrtle . . . . . Cook, Ill.  
 Chaffee, Mildred . . . . . Porter, Ind.  
 Chenoweth, Mabel . . . . . Union, Ohio  
 Cochran, Bonnie . . . . . Tipton, Ind.  
 Cole, S. Louise . . . . . Susquehanna, Pa.  
 Cook, Edith . . . . . Kankakee, Ill.  
 Cook, Sylvia . . . . . Kankakee, Ill.  
 Curlanis, Stephanian . . . . . Essex, Mass.  
 Dieckmeyer, Mrs. Serena . . . . .  
 . . . . . Lake, Ind.  
 Dietrich, L. J. . . . . Ozaukee, Wis.  
 Dodd, Elizabeth . . . . . Lycoming, Penna.  
 Dyer, Elizabeth . . . . . Carter, Okla.  
 Edmark, Will C. . . . .  
 . . . . . Chautauqua, N. Y.  
 Ellett, J. C. . . . . Big Horn, Wyo.  
 Ellis, H. C. . . . . Greene, Tenn.  
 Elson, Alda . . . . . DeKalb, Ind.  
 Emmett, Ivy . . . . . Cook, Ill.  
 Eurit, Dennis M. . . . . Barbour, W. Va.  
 Folck, Leota . . . . . Crawford, Ill.  
 Fordinski, Walter . . . . . Russia  
 Freberg, Ethel . . . . . Menominee, Mich.  
 Garver, Kathryn . . . . . Marshall, Ind.  
 Glass, Lulu . . . . . Grant, Wis.  
 Gluesing, Alvina . . . . . Buffalo, Wis.  
 Goetschins, Bert . . . . . Madison, Mont.  
 Graham, Ruby . . . . . Henderson, Ill.  
 Gutterson, Gyda . . . . . Ramsey, Minn.  
 Hannon, Fannie . . . . . Porter, Ind.  
 Harting, C. B. . . . . Boone, Ind.  
 Haupt, Lulu . . . . . Warren, Ind.  
 High, Cora . . . . . Carroll, Ind.  
 Hodel, Gayle . . . . . Kent, Mich.  
 Holdren, Estella . . . . . Washington, O.  
 Holloway, Merle . . . . . Knox, Ill.  
 Holmes, Louis R. . . . . Cook, Ill.  
 Iliakis, Isador . . . . . Cook, Ill.

Johnston, Robert . . . . . Dickey, N. Dak.  
 Jones, Georgia . . . . . St. Joseph, Ind.  
 Kenyon, Ethel . . . . . Webster, Ky.  
 King, Lena . . . . . Porter, Ind.  
 Kinsey, Gladys F. . . . . DeKalb, Ind.  
 Kintzele, Claire . . . . . LaPorte, Ind.  
 Lambert, Lee . . . . . Parke, Ind.  
 Lane, H. D. . . . . Gratiot, Mich.  
 Lewis, Susan Sloan . . . . . Oconee, S. C.  
 Lopez, Carlos . . . . . Cuba  
 Lorant, Edward . . . . . Kings, N. Y.  
 McFarland, Nye . . . . . Marshall, Ind.  
 McNall, Goldie . . . . . Van Wert, O.  
 Marshall, Lura . . . . . Henderson, Ill.  
 Mather, Paul . . . . . Cook, Ill.  
 Mathias, Mabel A. . . . . LaPorte, Ind.  
 Mawhorter, Beulah . . . . . Noble, Ind.  
 Michner, Laura . . . . . Huron, Mich.  
 Michner, Mona . . . . . Huron, Mich.  
 Miller, Julia M. . . . . Lake, Ill.  
 Mohl, Winifred L. . . . .  
 . . . . . Deer Lodge, Mont.  
 Morse, Mildred . . . . . Tippecanoe, Ind.  
 Nelson, Jennie . . . . . Porter, Ind.  
 Nighsonger, Pauline . . . . .  
 . . . . . Marshall, Ill.  
 Obenchain, Edith C. . . . .  
 . . . . . Whitley, Ind.  
 Omsted, Ruth . . . . . Madison, Ala.  
 Owen, Maudena . . . . . Hamilton, Ind.  
 Parker, Kathryn . . . . .  
 . . . . . Washington, Minn.  
 Peters, R. L. . . . . Cook, Ill.  
 Peterson, Herman . . . . . Ozaukee, Wis.  
 Peterson, Leonard . . . . . Lake, Minn.  
 Schelling, Mae G. . . . . Hampden, Mass.  
 Schreiber, Claudia . . . . . Lake, Ind.  
 Scott, Bessie . . . . . Moultrie, Ill.  
 Seitz, Lela . . . . . Noble, Ind.  
 Shisler, Sara . . . . . Stark, Ohio  
 Shively, Charles . . . . . Lake, Ohio  
 Skrobiszewski, Walter . . . . . Russia  
 Sparks, Bessie . . . . . Porter, Ind.  
 Squarcy, Mrs. Irene . . . . . Porter, Ind.  
 Stagner, Lillie P. . . . . Butler, Kansas  
 Stewart, Madge . . . . . Noble, Ind.  
 Stuenkel, Lydia . . . . . Will, Ill.  
 Surf, Al . . . . . Russia  
 Thompson, Mrs. J. J. . . . .  
 . . . . . Marshall, Ky.  
 Thompson, Mrs. McKee . . . . . Lyon, Ky.  
 Tibbits, Cora M. . . . . York, Maine  
 Trost, W. H. . . . . St. Joseph, Ind.  
 Ward, R. H. . . . . Marshall, Ind.  
 Wiggerly, Neva J. . . . . Delaware, Ind.  
 Williams, Estella . . . . . Ida, Iowa  
 Young, Mabel . . . . . Allen, Ind.

#### DEPARTMENT OF LAW.

##### Graduates of 1912.

Adcock, M. K. . . . . Putnam, Tenn.  
 Apostoles, Geo. . . . . Cuyahoga, O.  
 Brown, Claude . . . . . Bureau, Ill.

Cape, E. M. . . . . Harp, Texas  
 Chang, K. S. . . . . Korea, Japan  
 Clancy, A. C. . . . . Columbia, Wash.

Belofa, Ramon  
 (on loan to Belofa)

Fetterhoff, Isaac  
Fetterhoff, R. W.  
Iannarone, Louis J.  
Klitzing, Walter Chas  
VALPARAISO UNIVERSITY.  
(Call on Commencement program)

Martinez, Carlos  
Watanabe, Charles  
Wood, Clarence  
Dickerhoff, Geo. Harry

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Dehnke, Herman F. Alcona, Mich.  
Delfufo, Joseph P. Essex, N. J.  
Dowlan, John R. Ramsey, Minn.  
Doyle, Rich D. Scott, Minn.  
Dryden, Norman T. Livingston, Mo.  
Farrell, Herbert. Lee, Iowa  
Finley, C. A. Dallas, Mo.  
Gemund, Harry H. Ionia, Mich.  
Gilliland, C. H. Mercer, Penna.  
Gilmer, Jr., Frank. Albemarle, Va.  
Hanlin, C. H. Cumberland, Penna.  
Hanson, H. L. Cuyahoga, O.  
Heck, John T. Warren, Ind.  
Hon, C. O. Chaves, N. Mex.  
Hosbach, Frank B. Erie, Penna.  
Isaacson, Ida C. Cook, Ill.  
Janson, Seymour. Porter, Ind.  
Lawrence, Benj. O. Wayne, Ind.  
Kimble, F. F. Coffey, Kans.  
McKay, James J. Chemung, N. Y.

Magruder, E. L. Jefferson, W. Va.  
Marshall, Robt. C. Westmoreland, Pa.  
Messick, Wilmer T. Jackson, Mo.  
Metz, Merritt D. Erie, N. Y.  
Montalvo, Francisco. Porto Rico  
Moss, Wm. Paul. Clay, N. C.  
Oelslager, Roy. Wells, Ind.  
Randall, E. G. Keokuk, Iowa  
Ratkovich, Stephen. Cook, Ill.  
Rhodes, Oliver F. Miami, Ind.  
Rieg, Anthony. LaPorte, Ind.  
Souder, F. C. Whitley, Ind.  
Stewart, Geo. S. Lancaster, Penna.  
Thiel, J. W. Huron, Mich.  
Thompson, Alice H. Richmond Va.  
Thrapp, Glenn E. Noble, Ind.  
Wells, John C. Pendleton, Ky.  
Willard, Chas. N. Orange, Ind.  
Williams, E. B. Harrison, Miss.

# Class of 1912-1913.

## Senior.

Alderman, Wise. Carroll, Va.  
Anderson, R. J. Pierce, Wis.  
Beck, C. C. St. Louis, Mo.  
Blake, Louis. Hancock, Ill.  
Crundwell, Paul E. Iuka, Ill.  
Deegan, O. J. Lawrence, Ohio  
Dix, Milton T. Somerset, Md.  
Dukes, H. G. Bryan, Ga.  
Farrar, Benj. D. Rock Island, Ill.  
Fetterhoff, I. J. Dauphin, Penna.  
Fetterhoff, P. W. Dauphin, Penna.  
Fisher, R. John. Berkshire, Mass.  
Hasebe, Shizuka. Japan  
Heumphreus, Mont. Custer, S. Dak.  
Hyer, Jas. D. Jefferson, Wis.  
Jeffries, Joe W. Westmoreland, Penna.  
Jeffries, Thos. E. Westmoreland, Penna.  
Klitzing, W. C. Effingham, Ill.  
Lawson, James P. Bureau, Ill.  
Lincoln, Elmer L. Lamar, Texas

Lumbard, Lewis B. LaPorte, Ind.  
McGuffin, James A. Sacramento, Calif.  
Martin, Roy C. Jackson, Ill.  
Moyle, O. R. Racine, Wis.  
Murphy, James P. Wayne, Ind.  
Nerby, Bennett. Foster, N. Dak.  
Padbury, Jr., Geo. Lewis & Clark, Mont.  
Randall, Robert C. Ramsey, Minn.  
Reiter, William. Buchanan, Mo.  
Ryan, James. Bennett, S. Dak.  
Scott, Earl L. Whiteside, Ill.  
Senoren, Francisco. Surigao, P. I.  
Smith, Samuel. Allegheny, Penna.  
Smith, W. R. Franklin, N. Y.  
Souffront, Oscar. Porto Rico  
Spinks, L. P. Kemper, Miss.  
Stone, A. L. Floyd, Ky.  
Svetcov, Theodore. Bulgaria  
Warber, Fred P. Winona, Minn.  
Ware, W. H. Ionia, Mich.  
Willett, E. W. Marion, Ind.

## Junior.

Alberts, Tyler. Suffolk, Mass.  
Alley, Enos E. Silver Bow, Mont.  
Austin, Dale. Blackhawk, Iowa  
Barnard, Herrell. Washington, Penna.  
Baxter, R. W. Drew, Ark.  
Bayless, Rodney. Van Buren, Mich.  
Belew, Ben. Parker, Texas  
Benadum, C. E. Delaware, Ind.  
Benham Guy C. Idaho Falls, Idaho  
Bever, Guy N. Poweshiek, Iowa  
Black, Franklin O. Miami, O.  
Bonar, James A. Marshall, W. Va.  
Boncan, Marcelo F. Manila, P. I.  
Booth, Ormond L. Ada, Idaho  
Bowman, Miss Mae Marie. Kosciusko, Ind.

Brame, de Yampart. Noxubee, Miss.  
Braun, F. C. Boone, Ill.  
Brenza, Cecelia. Cook, Ill.  
Brenza, Julius C. Luzerne, Penna.  
Bull, Owen. Lake, Ind.  
Bunn, Chas. M. Jackson, Mo.  
Cameron, O. C. Allen, O.  
Carroll, Nat. Middlesex, N. J.  
Carson, D. H. Iowa, Iowa  
Childs, L. E. Warrick, Ind.  
Clark, R. C. Benton, Ark.  
Clifford, Frank. Porter, Ind.  
Coddington, E. N. Fayette, Penna.  
Colpaert, Achille. Belgium  
Cornett, Corbett. Osage, Okla.  
Crossman, G. W. Dallas, Texas  
Crow, William R. Hamilton, Ill.  
Davis, David W. Lucas, O.



- de Cortes, F. A....Philippine Is.  
 Dekelboum, S.....Porter, Ind.  
 Domingo, Bartolome.....  
 .....Philippine Is.  
 Eudaley, Glenn R....Hopkins, Ky.  
 Fernandez, Serafin R.....  
 .....Philippine Is.  
 Flynn, John J.....Essex, Mass.  
 Fisher, Clyde G....Carter, Okla.  
 Fuller, Chas. F. A...Albany, N. Y.  
 Galin, Isidore.....Erie, Penna.  
 Garcia, Ramon.....Porto Rico  
 Gauga, Byron B....Elkhart, Ind.  
 Goldstein, Samuel.....  
 .....New York, N. Y.  
 Graalman, G. F....Stephenson, Ill.  
 Grabowski, T. F....Russian Poland  
 Grossman, E. C....St. Clair, Ill.  
 Gunder, Homer....Wapello, Iowa  
 Hallagan, Frank B....Perry, Ill.  
 Harding, Edward H....Jasper, Ill.  
 Harrell, James....Hobart, Okla.  
 Harris, A. G....Freeborn, Minn.  
 Harrison, H. G....Tazewell, Va.  
 Hartt, O. Raymond...Wayne, Ind.  
 Hay, Geo. W....Somerset, Penna.  
 Henneger, Gilford.....  
 .....Tippecanoe, Ind.  
 Hollak, J. P.....Lithuania  
 Khan, Hoseyn, M. S....Persia  
 Hull, Loren J....McKean, Penna.  
 Hutchison, A. G....Carbon, Penna.  
 Jellison, H. A....Whitley, Ind.  
 Johnson, H. K....Cook, Ill.  
 Jones, J. T.....Grover, Ky.  
 Killam, A. W....Valley, Mont.  
 King, Leo.....Henderson, Ky.  
 Kirk, Everett B....Martin, Ky.  
 Kitching, John T....Bosque, Texas  
 Krenzke, John L....Racine, Wis.  
 LaGrone, O. C....Panola, Texas  
 Lasell, Herschel....Day, S. Dak.  
 Lewis, Elmer M....Fairfield, Conn.  
 Lightfoot, H. Reese...Saline, Ill.  
 Littleton, Roscoe....Carter, Ky.  
 Locke, J. B....San Juan, N. Mex.  
 Lundquist, Edwin L....Cook, Ill.  
 Lyon, Ollie M....Elliott, Ky.  
 Maki, John F....Marquette, Mich.  
 Maldonado, Jose....Porto Rico  
 Mansour, J....Fayette, Penna.  
 Medford, Lillian....Franklin, O.  
 Meenachan, John....Mahoning, O.  
 Mielke, Henry E.....  
 .....Nez Perce, Idaho  
 Miller, Alexander...Saline, Kans.  
 Miller, Mins D....Calcassiu, La.  
 Miller, Raymond H....Lake, Ill.  
 Mitchell, S. H. Jr.....  
 .....McLennan, Texas  
 Moore, W. J.....Scott, Ill.  
 Murray, W. J....Waukesha, Wis.  
 Nelson, Victor E....Hartford, Conn.  
 Oakes, W. J....Venango, Penna.  
 Obenchain, Roland St. Joseph, Ind.  
 O'Malley, M. J....Luzerne, Penna.  
 Orrico, Joseph R....Cook, Ill.  
 Owen, John J....Montgomery, Ind.  
 Paine, Franklin H.....  
 .....Berrien, Mich.  
 Pashkoski, Walter.....  
 .....Lackawanna, Pa.  
 Peeler, Alfred....Flathead, Mont.  
 Pennell, G. C....Nez Perce, Idaho  
 Piatos, Jose....Philippine Is.  
 Plummer, Ray.....White, Ind.  
 Preston, E. S....Franklin, O.  
 Raney, A. C....Cowley, Ark.  
 Roberts, C. O....Clark, Ill.  
 Roberts, John...Cottonwood, Minn.  
 Rollins, O. G....Marshall, Okla.  
 Roushar, J. M....Iowa, Iowa  
 Rutledge, Geo. F....Lachua, Fla.  
 Sell, Melville H....Calumet, Wis.  
 Shapiro, Hyman....Lucas, Ohio  
 Simpson, Aldo J....Elkhart, Ind.  
 Sloan, Harold...Chautauqua, N. Y.  
 Smith, Carl.....Lake, Ind.  
 Smith, Frank L....Franklin, O.  
 Sneed, W. A....Whiteside, Ill.  
 Stearn, Henry R....Waupaco, Wis.  
 Strain, W. Floyd....Carroll, O.  
 Swortwood, Burrell.....  
 .....Luzerne, Penna.  
 Taylor, Benj. F....Jackson, Ill.  
 Taylor, Fred L....Jackson, Ill.  
 Veneziaile, Joseph.....  
 .....Providence, R. I.  
 Warner, R. L....Mercer, Penna.  
 Wells, Walter.....Elliott, Ky.  
 Wendell, Henry....Kings, N. Y.  
 Willett, R. O....Fayette, Ill.  
 Williams, Walter C....Porter, Ind.  
 Winter, David H....Shawano, Wis.  
 Wright, George F.....  
 .....Bedford, Penna.

## DEPARTMENT OF PHARMACY.

### Graduates of 1913.

- Adams, George F....Clark, Ind.  
 Ault, Charles....Flathead, Mont.  
 Bedrossian, Vahan K....Turkey  
 Bennett, Jarvis C....Menard, Ill.  
 Cameron, A. Austin.Norfolk, Mass.  
 Deffenbaugh, Elmer R.....  
 .....Augusta, Vir.  
 Dreibelbis, Wright M.....  
 .....Stephenson, Ill.  
 Dublasiewicz, John M.....  
 .....Ashland, Wis.  
 Dunham, Howard....LaPorte Ind.  
 Fritch, Lewis M....Mercer, Ill.  
 Geiger, William E....Fulton, O.  
 Greene, Max S....Cook, Ill.  
 Harvey, James F....Greene, Penn.  
 Howard, Chester A. Berrien, Mich.  
 Jensen, Carroll A. B.....  
 .....Silverbow, Mont.  
 Lippincott, Ross M....Elkhart, Ind.  
 Love, Walter E....LaPorte, Ind.  
 Maloney, Michael M.....  
 .....Nicholas, W. Va.  
 Mangus, W. Rush.....  
 .....Somerset, Penna.  
 Mays, Albert R....Lyon, Ky.

Miller, Everett....Edmonson, Ky.	Rowe, E. Russell..Madison, Mont.
Miller, Donald D.....Allen, Ind.	Sessions, Clifford H.....
Moore, Harold W....Tyler, W. Va.	.....Allegan, Mich.
Palmer, John R.....Porter, Ind.	Sherman, Charles A.....
Perkins, Robert L.....	.....Madison, Ind.
.....Charlevoix, Mich.	Smith, Claud A.....Rice, Kans.
Robinson, Louis T...Warrick, Ind.	Teel, Howard C...Kosciusko, Ind.

## Class of 1912-13.

## Pharmaceutical Chemist Course.

Anderson, I. W.....Sweden	Ryan, Ernest.....Noble, Ind.
Bartholomew, Rebecca.....	Smith, Lloyd Kenneth.....
.....Porter, Ind.	.....Crow Wing, Minn.
Fischer, Hubert.....Noble, Ind.	Wieczorek, Walter....Cook, Ill.
Hugi, George....Richmond, N. Y.	Whitman, George L.....
Hyer, Emily F.....Jefferson, Wis.	.....Gratiot, Mich.
Lippard, Leon H....Chaffee, Colo.	Wodniczak, Victor.....
Reithel, Otto C....Huron, Mich.	.....Allegheny, Penna.
Roe, R. C.....Huntington, Ind.	

## Senior Ph.

Abend, Carl.....Wayne, Mich.
Adams, G. F.....Clark, Ind.
Ault, Charles....Flathead, Mont.
Bedrossian, Vahan.....
.....Hartford, Conn.
Bennett, Jarvis C....Menard, Ill.
Cameron, A. Austin.....
.....Norfolk, Mass.
Cantrall, Wilbur..Sangamon, Ill.
Deffenbaugh, Elmer R.....
.....Augusta, Va.
Dennison, Wm.....Cook, Ill.
DeVasier, James R....Allen, Ky.
Dixon, Clarence E....Saline, Ill.
Doddridge, Philip H.....
.....Kosciusko, Ind.
Dreibelbis, Wright M.....
.....Stephenson, Ill.
Dublasiewicz, John M.....
.....Ashland, Wis.
Dunham, Howard..LaPorte, Ind.
Fritch, Lewis.....Mercer, Ill.
Geiger, Wm. E.....Fulton, O.
Green, DeWitt E....Starke, Ind.
Greene, Max Samuel....Cook, Ill.
Harvey, James F....Greene, Penn.

## Junior Ph.

Abu-Haider, Kalil Diab....Syria
Aiter, Earl.....Fulton, Ind.
Allbright, Roy.....Lake, Ind.
Amador, V.....Philippine Is.
Anderson, John E..Ramsey, Minn.
Archilla, Jose.....Porto Rico
Ballard, Noel J.....Wabash, Ill.
Baudoin, Jos. O....Vermilion, La.
Bassow, Solomon..New York, N. Y.
Buzzell, Price O....Sampson, N. C.
Bleuer, H. A.....Cook, Ill.
Brockin, Benj. H..Winnebago, Wis.
Brocco, Angelo..Houghton, Mich.
Brown, E. S.....Montgomery, Ill.
Bruun, Paul Edw....Kings, N. Y.
Burns, Carl E.....Whitley, Ind.
Chadwick, Henry..Carterer, N. C.
Chostner, G. C....Bollinger, Mo.
Cizanskas, Joseph....Kent, Mich.
Cochran, Guy.....White, Ind.
Colon Jr., Luis.....Porto Rico
Constans, Clark H..Franklin, O.

## G. Course.

Hopple, H. H....Dauphin, Penna.
Howard, Chester A.....
.....Berrien, Mich.
Hummell, W. W....Fulton, Ill.
Jensen, Carroll A. B.....
.....St. Croix, Wis.
Knott, E. F.....Ballard, Ky.
Lippincott, R.....Elkhart, Ind.
Love, Walter E....LaPorte, Ind.
Maloney, M. M....Nicholas, W. Va.
Mays, A. R.....Kuttawa, Ky.
Mendez, Lumen....Porto Rico
Miller, Donald D....Allen, Ind.
Miller, Everett..Edmondson, Ky.
Moore, Harold W....Tyler, W. Va.
Palmer, John R....Porter, Ind.
Perkins, Robert.....
.....Charlevoix, Mich.
Ray, Ernest...Pushmataha, Okla.
Robinson, Louis T..Warrick, Ind.
Rowe, E. R....Madison, Mont.
Sessions, Clifford H.....
.....Allegan, Mich.
Sherman, Chas. A..Madison, Ind.
Smith, Claud A....Rice, Kans.
Teel, Howard....Kosciusko, Ind.

## G. Course.

Conway, Frank J....Newton, Ind.
Costello, Catherine.....
.....Luzerne, Penna.
Costello, Genevieve.....
.....Luzerne, Penna.
Cross, John A.....Lucas, O.
Cruiger, Leroy.....Dane, Wis.
Cusick, Clyde F....Wabash, Ill.
Darling, Wm. C....Franklin, Mass.
Deeds, Forrest E....Pickaway, O.
Duff, Etta.....Butler, Penna.
Ebert, Chas.....Lake, Ind.
Elwood, Gus.....Lake, Ind.
Elwood, Martin....Lake, Ind.
Esperson, Gerhard E.....
.....Suffolk, N. Y.
Faul, James M....Wayne, Ind.
Furgason, W. R....Elkhart, Ind.
Galvin, Thomas J....Erie, N. Y.
Garrison, J. R....Jefferson, Ill.
Gillespie, Chas. E....Jasper, Ill.
Gonzalez, Alex.....Cuba



Graulau, Luis M.....	Porto Rico
Gullstrum, Frank.....	Porter, Ind.
Haas, Arthur.....	LaSalle, Ill.
Hanford, Freeman.....	Suffolk, N. Y.
Harvey, Chester.....	.....
.....	Houghton, Mich.
Henderson, C. J.....	Sargent, N. H.
Jackson, Herbert M.....	St. Louis, Mo.
Johnson, Leonard G.....	Rusk, Wis.
Jones, Franklin.....	.....
.....	Codington, S. Dak.
Jones, R. L.....	Mason, Ill.
Jouen, Rene.....	New York, N. Y.
Kallstead, A. C.....	Almeda, Calif.
Kaupas, Julius.....	Cook, Ill.
Koger, O. B.....	Clinton, Ky.
Ledbetter, Joe.....	Marion, Ark.
Lee, Craven E.....	Sampson, N. C.
LeGault, Leo H.....	Clark, Wis.
Lopez, William.....	Ponce, Porto Rico
Lyons, Cyril D.....	Perry, Ind.
McCauley, Van B.....	Neshoba, Miss.
Mangus, W. R.....	Somerset, Penna.
Mersch, Joseph.....	LaSalle, Ill.
Meyer, Max.....	Palo Alto, Iowa
Middleton, W. Clyde.....	.....
.....	Genesee, Mich.
Miles, C. F.....	Logan, Okla.
Molitor, Fred W.....	Herkimer, N. Y.
Molter, Elmer J.....	Lyon, Minn.
Moul, H. C.....	York, Penna.
Patenaude, E. A.....	.....
.....	New Haven, Conn.
Pressnall, Earl.....	Fulton, Ind.
Price, Jas. Colbert, Jr.....	.....
.....	Panola, Miss.
Price, Robert.....	Boyd, Ky.
Quigley, M. James.....	Wayne, Ind.
Reese, R. B.....	Searcy, Ark.
Reimer, E. S.....	Cook, Ill.
Roman, Miguel A.....	West Indies
Ross, Henry.....	Cottonwood, Minn.
Roush, C. A.....	Huntington, Ind.
Rumsyre, Grant A.....	Whitley, Ind.
Salerno, Francis.....	Hartford, Conn.
Schop, Antonio.....	Cuba
Seebach, E. J.....	St. Clair, Mich.
Sisco, Claude M.....	Carroll, Ark.
Skinner, Joseph E.....	Wayne, Ind.
Smith, A. W.....	Decatur, Tenn.
Smith, Chauncey M.....	Gibson, Ind.
Smith, Ralph P.....	Lake, Ind.
Smyth, Elmer J.....	JoDavies, Ill.
Spears, Jas. T.....	Allegany, Md.
Swanson, Harry S.....	Decatur, Ia.
Swartwood, Burrell J.....	.....
.....	Luzerne, Penna.
Tart, Isalah.....	Sampson, N. C.
Thomas, R. V.....	Centre, Penna.
Thompson, John W.....	.....
.....	Robinson, Tenn.
Valliant, Edwardo Padro.....	Cuba
Van Natta, Garnet.....	Monroe, Ark.
Violette, Jr., Jno.....	Elkhart, Ind.
Vitkauskas, Zigmond.....	.....
.....	Rockingham, Vt.
Warren, Earl.....	Chautauqua, Kans.
Warren, Lovett A.....	Sampson, N. C.
Watkins, Len A.....	.....
.....	Westmoreland, Penna.
Wiese, L. H.....	Jackson, Minn.
Wiesjahn, Robert.....	LaPorte, Ind.
Wiley, John L.....	Switzerland, Ind.
Wooten, Jesse Buell.....	.....
.....	Cullman, Ala.
Wuolle, O. A.....	Finland
Yalowitz, Ben G.....	Lake, Ind.
Young, Eley.....	Spencer, Ind.
Zack, Archie R.....	Passaic, N. J.

## DEPARTMENT OF MEDICINE.

### Graduates of 1912.

Arnette, F. H.....	Henry, Ill.
Aoyagi, K.....	Cook, Ill.
Autz, T. E.....	Cook, Ill.
Artin, C. P.....	Cook, Ill.
Bachrach, J.....	Cook, Ill.
Baker, A. T.....	Lewis, Wash.
Bartmess, E.....	Crawford, Ill.
Bassler, H. H.....	Cook, Ill.
Baxter, A. R.....	Cook, Ill.
Belotin, J. W.....	Cook, Ill.
Bozinck, M. F.....	Cook, Ill.
Bradbury, W. E.....	Clark, Wis.
Brooks, C. N.....	Cook, Ill.
Bury, C. L.....	Cook, Ill.
Butler, F. O.....	Cook, Ill.
Charles, H. L.....	Atchinson, Kans.
Clark, F. M.....	Champaign, Ill.
Cletcher, J. O.....	Pope, Ill.
Cohn, E. J.....	Cook, Ill.
Collier, H. J.....	Henry, Ohio
Cox, A. M.....	Cook, Ill.
Cummings, I. L.....	Cook, Ill.
Cunningham, F. E.....	.....
.....	Cuyahoga, Ohio
Darche, A. L.....	Cook, Ill.
Dagnault, J. A.....	Cook, Ill.
Dixon, T. E.....	Saline, Ill.
Economus, T. C.....	Cook, Ill.
Esrig, B.....	Cook, Ill.
Evans, H. A.....	Crawford, Ill.
Farley, R. H.....	Cook, Ill.
Ferrell, G.....	Galatin, Ill.
Fitch, F. T.....	Cook, Ill.
Franklin, W. R.....	Cook, Ill.
Friedman, H. J.....	Cook, Ill.
Frisch, I. J.....	Seneca, O.
Fruth, V. J.....	Cook, Ill.
Greening, R. F.....	Cook, Ill.
Hade, F. L.....	Seneca, O.
Hajdusek, L. J.....	Cook, Ill.
Halvorson, H. J.....	Cook, Ill.
Hatfield, N. C.....	Seneca, Ill.
Hay, W. G.....	Cook, Ill.
Henderson, C.....	Clay, Ill.
Henry, J. C.....	Cook, Ill.
Henson, E. E.....	DeWitt, Ill.
Herr, A. H.....	Woodford, Ill.
Hester, R. N.....	Woodford, Ill.
Heuck, H. H.....	Will, Ill.
Hewitt, A.....	Cook, Ill.
Hill, C. H.....	Union, Ill.
Himmelman, H. C.....	Cook, Ill.

Hodge, R. L.....	Cook, Ill.	Pflock, J. J.....	Cook, Ill.
Hubbard, A. E.....	Morgan, Ind.	Poulsen, H. A.....	Cook, Ill.
Huber, O. C.....	Cook, Ill.	Purcell, M. J.....	Cook, Ill.
Hurst, W. T.....	Cook, Ill.	Puterbaugh, P. G.....	Cass, Ind.
Ilse, L.....	Cook, Ill.	Reinsch, H.....	Cook, Ill.
Izaakowitch, H.....	Cook, Ill.	Robb, H. J.....	Cook, Ill.
Jenanyan, S. S.....	Suffolk, Mass.	Robertson, A. T.....	Cook, Ill.
Jenson, W. A.....	Cook, Ill.	Saar, J. L.....	Van Buren, Ill.
Johnson, E. E.....	Grand Forks, N. D.	Scholes, W. J.....	Cook, Ill.
Kacin, W. L.....	Cook, Ill.	Scholler, A.....	Cook, Ill.
Kackowski, J. C.....		Simpson, H. N.....	Cook, Ill.
.....	Allegheny, Penna.	Sjolander, G.....	Cook, Ill.
Kelliher, J. L.....	Cook, Ill.	Smith, B.....	Wabash, Ind.
Kostrzewski, M. J.....		Smolczynski, K. M.....	Cook, Ill.
.....	Allegheny, Penna.	Snyder, J. E.....	Mower, Minn.
Kramer, J. H.....	Bedford, Penna.	Synder, M. V.....	Cook, Ill.
Lanham, F.....	Cook, Ill.	Solberg, A. A.....	Marquette, Mich.
Lebovitz, J.....	Cook, Ill.	Stapler, A. L.....	Cook, Ill.
Lenart, F.....	Cook, Ill.	Stone, C.....	Cook, Ill.
Lend, J. R.....	Cook, Ill.	Sullivan, C. O.....	Cook, Ill.
Lewis, L. D.....	Washington, O.	Tenerowicz, R. G.....	Cook, Ill.
Lipsky, J. L.....	Cook, Ill.	Thomas, A. J. F.....	Cook, Ill.
Llewellyn, G. S.....		Tippins, J. R.....	Escambia, Ala.
.....	Allegheny, Penna.	Tir, M.....	Cook, Ill.
Loomis, D. W.....	Hancock, Ill.	Townsend, G. A.....	Cook, Ill.
Looney, S. D.....	Roane, W. Va.	Triplett, T. B.....	Cook, Ill.
Lunn, A. E.....	New York, N. Y.	Vandeburg, A. F.....	Cook, Ill.
McCarthy, D.....	Cook, Ill.	Van Duzee, B. F.....	Erie, N. Y.
McCoach, W. H.....	Erie, N. Y.	Waddington, A. H.....	Cook, Ill.
McEvers, A. E.....	Cook, Ill.	Waterbury, D. E.....	Cook, Ill.
McKinney, J. R.....	Cook, Ill.	Waters, I. R.....	Cook, Ill.
Mendelsohn, J. J.....	Cook, Ill.	Weaver, L. W.....	Clay, Ind.
Miller, I. L.....	Cook, Ill.	Webber, H. J. C.....	Germany
Miller, T. E.....	Orangeburg, S. C.	Weishaw, L. J.....	Blair, Penna.
Mitter, A. E.....	Cook, Ill.	White, J. C.....	Sopich, Miss.
Musser, J. F.....	Cook, Ill.	Wietrzynski, S. F.....	
Nadler, B.....	Cook, Ill.	.....	St. Joseph, Ind.
O'Halloran, R.....	Cook, Ill.	Wilcox, B. G.....	LaSalle, Ill.
Orr, W. W.....	Preston, W. Va.	Winner, P. S.....	Cook, Ill.
Pearce, A. J. B.....		Wright, E. L.....	Cook, Ill.
.....	Allegheny, Penna.	Wyneken, H. O.....	Allen, Ind.
Pedott, M. S.....	Cook, Ill.	Zdraveff, L. P.....	Cook, Ill.

**Freshmen, 1912-1913.**

Abramson, B. W.....	Cook, Ill.	Crum, R. S.....	Seneca, O.
Adams, J. Q.....	Steele, Minn.	Dahl, Petra.....	Winneshiek, Iowa
Adams, M. F.....	Steele, Minn.	Dale, E. E.....	Cook, Ill.
Alexander, M.....	Cook, Ill.	Deeds, Ross.....	Coshocton, Ohio
Anderson, F. L.....		DeHes, M.....	Cook, Ill.
.....	Cerro Gordo, Iowa	Denney, R. W.....	Custer, Okla.
Balmer, F. B.....	Cook, Ill.	Dinsmore, A. J.....	Morgan, Ala.
Beatty, Claud R.....	Fannin, Texas	Droock, Victor.....	Barron, Wis.
Bernstein, J.....	Cook, Ill.	Eames, Earl.....	Fremont, Idaho
Biezis, S.....	Cook, Ill.	Echerer, T. J.....	Cook, Ill.
Bishop, E.....	Cook, Ill.	Eckhardt, G.....	Cook, Ill.
Black, J. M.....	Greene, Ill.	Eide, J. O.....	Cook, Ill.
Blesse, H. S.....	Cook, Ill.	Emmons, H.....	Cook, Ill.
Bowers, L. L.....	Tuscarawas, O.	Everhart, A. G.....	Highland, Ohio
Brown, F. W.....	Apache, Ariz.	Ferrell, Z. B.....	Jackson, W. Va.
Cannon, M. P.....	Kings, N. Y.	Finnicane, T. J.....	Cook, Ill.
Capeci, E.....	Westchester, N. Y.	Fletcher, Roy E.....	Custer, Mont.
Carpenter, R. M.....		Frybarger, Clarence	Howard, Ind.
.....	Westchester, N. Y.	Frybarger, S. S.....	Howard, Ind.
Chapas, B.....	Lithuania, Russia	Gittelis, H.....	Cook, Ill.
Conner, Charles L.....		Glasco, Fred H.....	Union, Ill.
.....	Allegheny, Penna.	Goldberg, A.....	Cook, Ill.
Craig, Clair C.....		Graf, C. H.....	Scioto, Ohio
.....	Koochiching, Minn.	Grimm, C. H.....	Cook, Ill.
Craft, R. R.....	Atchinson, Kans.	Haley, C. R.....	Carroll, Tenn.
Crum, J. W.....	Cook, Ill.	Halpert, J.....	Cook, Ill.



- Hammer, W. P. ....  
     .....Pendleton, W. Va.  
 Haus, E. ....Cook, Ill.  
 Hansen, M. M. ....Kent, Mich.  
 Harrison, W. J. ....Fort Smith, Ark.  
 Hassett, J. P. ....Cook, Ill.  
 Hearn, J. B. ....Cook, Ill.  
 Heetderks, B. J. ....Kent, Mich.  
 Hennan, Clarence W. ....  
     .....Richland, Wis.  
 Hibbe, C. ....Cook, Ill.  
 Holland, A. ....Cook, Ill.  
 Hopkins, John J. ....  
     .....Pendleton, W. Va.  
 Houchins, E. Kenna. ....  
     .....Mercer, W. Va.  
 Hull, Arthur W. ....Elkhart, Ind.  
 Hurwitz, L. N. ....Douglas, Neb.  
 Ives, Leon C. ....Ottawa, Mich.  
 Jennings, J. B. ....Gallatin, Ill.  
 Johnson, J. Knox. ....Pope, Ill.  
 Johnson, M. A. ....Cook, Ill.  
 Kane, W. J. ....New Haven, Conn.  
 Kaplan, J. H. ....Hennepin, Minn.  
 Kozakewicz, A. ....Cook, Ill.  
 Krasowsky, B. ....Cook, Ill.  
 Kingmeier, Carl E. ....  
     .....Ramsey, Minn.  
 Kulczinsky, A. ....Cook, Ill.  
 Kvitek, L. C. ....Cook, Ill.  
 Kyle, Paul M. N. ....Harrison, W. Va.  
 Lesser, S. ....Cook, Ill.  
 Levitin, J. A. ....Cook, Ill.  
 Lewis, P. E. ....Oswego, N. Y.  
 Lieffers, Harry. ....Ottawa, Mich.  
 Lillyman, L. G. ....St. Louis, Minn.  
 Litz, S. J. ....Cook, Ill.  
 Livi, R. ....Cook, Ill.  
 McCanna, Louis E. ....  
     .....Chemung, N. Y.  
 McCormick, Wm. ....Lincoln, Wis.  
 McCullough, J. D. ....Lowndes, Miss.  
 McDonough, J. M. ....Olmsted, Minn.  
 McGowan, L. S. ....Cook, Ill.  
 McKenzie, G. R. ....Cook, Ill.  
 McKinney, I. ....Champaign, Ill.  
 MacGregor, Mr. ....Grant, Ind.  
 Maciejewski, A. S. ....  
     .....Philadelphia, Penna.  
 Magnus, Alexander. ....  
     .....New York, N. Y.  
 Malouf, Stephen D. ....  
     .....New York, N. Y.  
 Marceau, S. A. ....St. Lawrence, N. Y.  
 Marley, Lawrence. ....  
     .....Montgomery, Ill.  
 Marowitz, Max. ....Allegheny, Pa.  
 Matney, T. G. ....Monroe, W. Va.  
 Miller, Frank. ....Henry, Ohio  
 Miller, Fred E. ....Wayne, Ill.  
 Miller, J. E. ....Kings, N. Y.  
 Miller, W. M. ....Whitley, Ind.  
 Mitchell, J. V. ....Silver Bow, Mont.  
 Mulsow, J. E. ....Cook, Ill.  
 Murphy, Edward. ....Hudson, N. J.  
 Murray, John H. ....Jefferson, O.  
 Naikelis, S. ....Fairfield, Conn.  
 Napieralski, E. H. ....Cook, Ill.  
 Nathanson, J. ....Cook, Ill.  
 Neggeling, M. ....Cook, Ill.  
 Neighbor, W. H. ....Monroe, Iowa  
 Nelson, Edwin G. ....LaPorte, Ind.  
 Niblick, J. S. ....Adams, Ind.  
 Nugen, Dordie. ....DeKalb, Ind.  
 Odegard, B. ....Freeborn, Minn.  
 Panek, Adam F. ....  
     .....Grand Traverse, Mich.  
 Parker, J. H. ....Calhoun, Mich.  
 Pathopky, Abe. ....Cook, Ill.  
 Perkins, Lyman. ....Jackson, Ill.  
 Peterson, M. P. ....Allen, Ind.  
 Porter, F. ....Hamilton, Ill.  
 Price, Barlow L. ....Crawford, Ill.  
 Quinn, George P. ....  
     .....Crawford, Penna.  
 Quinn, T. J. ....Cook, Ill.  
 Ratman, David. ....Cook, Ill.  
 Ray, Roy. ....Roane, W. Va.  
 ReCob, Clifford F. ....Richland, Wis.  
 Rogers, P. E. ....Pittsylvania, Va.  
 Rogers, W. T. ....Champaign, Ill.  
 Rollins, F. T. ....Suffolk, Mass.  
 Rubenstein, B. ....Cook, Ill.  
 Rupert, H. W. ....Humbolt, Calif.  
 Sachnovitz, M. ....Cook, Ill.  
 Sappington, C. O. ....Ada, Idaho  
 Sawyer, Grace M. ....Adair, Iowa  
 Schmidt, A. W. ....Bremer, Iowa  
 Schneider, E. C. ....Kankakee, Ill.  
 Seaforth, E. A. ....Cook, Ill.  
 Sellards, A. G. ....Scioto, Ohio  
 Serna, M. A. ....Cook, Ill.  
 Serritella, M. A. ....Cook, Ill.  
 Sheffer, A. ....Cook, Ill.  
 Shields, J. C. ....Kalamazoo, Mich.  
 Shortt, P. E. ....Allamakee, Iowa  
 Short, R. D. ....Green, Ill.  
 Silverman, Ephriam. ....  
     .....New York, N. Y.  
 Silverman, J. ....Cook, Ill.  
 Simon, O. B. ....Williams, N. D.  
 Slotkovitz, E. H. ....Cook, Ill.  
 Smith, W. J. ....Carroll, Mo.  
 Snyder, H. W. ....Rockingham, Va.  
 Soloay, J. ....Cook, Ill.  
 Solomon, S. I. ....Westchester, N. Y.  
 Spears, Mary M. ....Allegheny, Md.  
 Springer, H. A. ....Stark, N. D.  
 Staacke, J. H. ....Hennepin, Minn.  
 Stephens, E. A. ....Luzerne, Penna.  
 Stewart, J. E. ....Portage, O.  
 Stites, O. ....Douglas, Ill.  
 Summers, A. ....Cook, Ill.  
 Summers, P. D. ....Woodford, Ill.  
 Sweet, F. D. ....Cook, Ill.  
 Telerski, T. J. ....Cook, Ill.  
 Thompson, J. ....Cook, Ill.  
 Thomson, Horace. ....Jefferson, Fla.  
 Turner, F. C. ....Lincoln, Kans.  
 Vacca, James L. ....Cook, Ill.  
 Van de Sand, G. F. ....Racine, Wis.  
 Waldman, J. ....Cook, Ill.  
 Wallace, A. ....Cook, Ill.  
 Weinberger, A. ....Cook, Ill.  
 Weisman, M. ....Cook, Ill.  
 Willett, Irving. ....King, N. Y.  
 Williams, W. R. ....Hill, Rutland, Vt.  
 Willstead, Otterbein. ....Peoria, Ill.  
 Wiseman, H. O. ....Washington, Ind.  
 Witten, H. S. ....Cook, Ill.

Woodus, T. M. . . . Hamden, Mass.  
Wright, R. D. . . . Schoolcraft, Mich.  
Ybern, R. . . . . San Juan, P. R.

Yaffe, S. . . . . Plymouth, Mass.  
Zalla, N. . . . . Cook, Ill.  
Zilvitis, Paul. . . . . Cook, Ill.

**Sophomores, 1912-1913.**

Aguilar, E. D. . . . Philippine Is.  
Ajemian, M. B. . . . . Syria  
Allen, A. E. . . . . Edgar, Ill.  
Amussen, H. S. . . . Salt Lake, Utah  
Arche, A. . . . . San Juan, P. R.  
Ashley, Nilton N. . . . Pembina, N. D.  
Athon, W. C. . . . . Union, Ill.  
Atkinson, F. V. . . . . Porter, Ind.  
Austin, C. B. . . . . Lonoke, Ark.  
Awotin, L. . . . . Russia  
Babcock, H. W. . . . Iroquois, Ill.  
Bailey, Alfred S. . . . Kenosha, Wis.  
Banach, L. . . . . Kings, N. Y.  
Bess, James W. . . . Bollinger, Mo.  
Bovik, L. E. . . . . Cook, Ill.  
Bowen, W. S. . . . Bedford, Penna.  
Brandle, G. E. . . . . Cook, Ill.  
Brink, H. W. . . . Chautauqua, N. Y.  
Bruney, H. A. . . . . Jefferson, O.  
Bullock, B. A. . . . Wayne, Mich.  
Burke, R. O. . . . . Cook, Ill.  
Cain, M. E. . . . . Cook, Ill.  
Carlson, E. J. . . . . Holt, Mo.  
Connelly, Ira. . . . Calhoun, W. Va.  
Conway, B. P. . . . . Cook, Ill.  
Copelan, C. D. . . . . Cook, Ill.  
Copeland, H. B. . . . . Cook, Ill.  
Coulee, C. C. . . . . Green, Ill.  
Craver, R. B. . . . Kosciusko, Ind.  
Dahlbo, J. E. . . . . Cook, Ill.  
Dailey, R. W. . . . Hampshire, W. Va.  
Danielson, W. A. . . . Polk, Nebr.  
deLuca, Roger. . . . Morris, N. J.  
Dolnik, M. A. . . . . Cook, Ill.  
Emenhiser, L. C. . . . Allen, Ind.  
Estes, C. J. . . . . Saline, Ill.  
Everett, E. C. . . . . Cook, Ill.  
Ezzat, Mohamed. . . . Egypt  
Fink, C. A. . . . . Cook, Ill.  
Ford, L. H. . . . . Cook, Ill.  
Freeman, K. . . . . Adair, Mo.  
Fruth, H. E. . . . . Seneca, Ohio  
Furno, P. H. . . . . Cook, Ill.  
Gaebbe, Edward. . . . Morton, N. D.  
Gallagher, D. H. . . . Cook, Ill.  
Getzlaff, C. P. . . . Walla Walla, Wash.  
Grajales, Jose. . . . . Mexico  
Gregory, J. E. . . . . Posey, Ind.  
Hamilton, B. J. . . . Benton, Wash.  
Harkins, John P. . . . .  
. . . . . Sheboygan, Wis.  
Harvey, J. B. . . . . Kings, N. Y.  
Harvey, J. B. . . . . Orleans, La.  
Harper, Clyde. . . . Roane, W. Va.  
Harwood, R. S. . . . . Cook, Ill.  
Hicks, E. A. . . . . Cook, Ill.  
Hinricks, R. . . . . Pocahontas, Ia.  
Inwood, Garfield. . . . Cook, Ill.  
Jarrell, R. E. . . . . Raleigh, W. Va.  
Johnson, T. S. . . . . Cook, Ill.

Jones, Sydney D. . . . Monroe, Wis.  
Kaufman, I. . . . . Cook, Ill.  
Keating, W. H. . . . Baker, Ore.  
Kelley, W. L. . . . Jackson, W. Va.  
Kerkow, Roy R. . . . King, Wash.  
Kessel, R. . . . . Jackson, W. Va.  
Kleinberg, Henry E. . . . Essex, Mass.  
Kohn, J. . . . . Cook, Ill.  
Lehman, E. W. . . . Homeland, Ga.  
Lusk, C. M. . . . . Harris, Texas  
Lynch, S. E. . . . . LaCrosse, Wis.  
McCauley, V. E. . . . Neshoba, Miss.  
McNertney, F. D. . . . Salt Lake, Utah  
Mason, E. . . . . Genesee, Mich.  
Mechlin, Harold W. . . . Wayne, O.  
Mesirow, W. H. . . . . Cook, Ill.  
Meszaros, M. . . . Sargeant, N. Dak.  
Mgrditchian, M. . . . . Turkey  
Morrill, Elizabeth. . . . .  
. . . . . Hampden, Mass.  
Masby, G. L. . . . . Cook, Ill.  
Myers, Milford. . . . York, Penna.  
Norman, Floyd A. . . . Coshocton, O.  
Oliver, J. A. . . . . Halifax, Va.  
Paty, Elsie M. . . . Plymouth, Mass.  
Penchina, Morris. . . . Porter, Ind.  
Quitmeyer, J. . . . Ottertail, Minn.  
Reeves, V. . . . . Cook, Ill.  
Resch, F. . . . . Philadelphia, Pa.  
Ritchey, H. C. . . . Calhoun, Mich.  
Rivas, J. . . . . Porto Rico  
Rodriguez, J. M. . . . Porter, Ind.  
Scarboro, J. A. . . . . Cook, Ill.  
Schaffner, N. H. . . . Cook, Ill.  
Shimotakahara, K. . . . Cook, Ill.  
Shilen, Joseph. . . . Livingston, N. Y.  
Smith, Arthur A. . . . Roane, W. Va.  
Smith, J. A. . . . . Jackson, W. Va.  
Smith, G. L. . . . . Cook, Ill.  
Stoben, G. W. . . . . Cook, Ill.  
Stern, J. J. . . . . Cook, Ill.  
Stewart, L. . . . . Cook, Ill.  
Stogsdlil, J. . . . Vermillion, Ind.  
Stufflebeam, J. C. . . . Cook, Ill.  
Soltero, J. R. . . . . Porto Rico  
Suddarth, Clyde. . . . Perry, Ind.  
Sullivan, H. F. . . . Chenango, N. Y.  
Terwilliger, Wm. . . . Butler, Penna.  
Thomas, E. H. . . . Vancouver, B. C.  
Tsur, V. . . . . China  
Uhrenholt, M. M. . . . Denmark  
Vella, Salvatore. . . . Livingston, N. Y.  
Watts, Albert. . . . Lake, Ind.  
Whiteside, Charles. . . . Mason, W. Va.  
Wigin, T. I. . . . . Muscatine, Ia.  
Wing, U. . . . . Lewis, Mo.  
Wright, J. M. . . . . Cook, Ill.  
Yengst, Henry L. . . . .  
. . . . . Lebanon, Penna.

**Juniors, 1912-1913.**

Abshire, D. . . . . Boone, W. Va.  
Alford, W. G. . . . . Copiah, Miss.  
Allen, V. . . . . Boyd, Ky.  
Bailliff, J. V. . . . . Stoddard, Mo.

Belzig, F. C. . . . . Cook, Ill.  
Bendes, H. J. . . . . Erie, N. Y.  
Bona, J. J. . . . . Cook, Ill.  
Brown, H. E. . . . . Starke, Ill.



Bryant, J. H....	Maricopa, Ariz.	Morris, E.....	Cook, Ill.
Buckner, H. M.....	Cook, Ill.	Mossman, J. E.....	Cook, Ill.
Calmes, H. P....	Lauderdale, Miss.	Neira, J. S....	Coahuila, Mexico
Cannon, V.....	Vigo, Ind.	Noel, M. S.....	Griggs, N. Dak.
Chaiken, M. A.....	Cook, Ill.	O'Connell, J. O....	Clinton, Mich.
Chamness, E....	Williamson, Ill.	Osowski, F. A.....	Erie, N. Y.
Chance, J. H....	Robertson, Tenn.	Ozasa, T.....	Cook, Ill.
Chereskin, J. L.....	Cook, Ill.	Papatheodore, C. G....	Cook, Ill.
Chesrow, E. J.....	Cook, Ill.	Parker, G. C.....	Cook, Ill.
Chmatal, C. M.....	Cook, Ill.	Pelaut, F. J....	Hennepin, Minn.
Conn, C.....	Pierce, Wash.	Peters, A. J.....	Comberland, Ill.
Conn, W. S.....	Pierce, Wash.	Pinkerton, F. J.....	Lake, Ind.
Cabbage, E....	Allegheny, Penna.	Pinkerton, H. E.....	Cole, Mo.
Davis, R. E.....	Cook, Ill.	Pitte, C. E.....	Cook, Ill.
David, R. A....	Providence, R. I.	Pope, N. K.....	Hickory, Mo.
Deason, J.....	Cook, Ill.	Puskinigis, F. B.....	Cook, Ill.
DeFeo, Amos.....	Cook, Ill.	Raber, W. J....	Vanderberg, Ind.
Dombrowski, E. F.....	Cook, Ill.	Reddick, G. H....	Pulaski, Ind.
Duffer, R. L....	Eastland, Texas	Richardson, K.....	Fulton, Ind.
Duncan, R. E.....	Jackson, Mo.	Rivera, R.....	Vega, Alta, P. R.
Eames, M. H....	New Kent, W. Va.	Rowan, J. E.....	Fayette, Ohio
Fellows, F. B.....	Cook, Ill.	Rutherford, J. R....	Madison, Fla.
Fowler, F. M.....	Cook, Ill.	Ruyavitz, J. L....	Macoupin, Ill.
Fox, F. G.....	Cook, Ill.	Rystad, O. H.....	Polk, Minn.
Fractman, M. B.....	Cook, Ill.	Scheiner, C. J.....	Cook, Ill.
Fraider, F. F.....	Cook, Ill.	Schlagter, E. A.....	Cook, Ill.
Friedstein, H....	Marinette, Wis.	Schlesinger, J.....	Cook, Ill.
Gause, O. J....	Montgomery, Kans.	Schwied, E.....	Cook, Ill.
Gellman, I. I.....	Kings, N. Y.	Sciarretta, S. T.....	Cook, Ill.
Ginsburg, L.....	Cook, Ill.	Seipel, H. O....	Lawrence, Penna.
Grant, C. C.....	Cook, Ill.	Shipley, J. A.....	Cook, Ill.
Groves, R. J....	Sangamon, Ill.	Sims, C.....	Hamilton, Ill.
Hoffman, H. P....	Erie, N. Y.	Slaughaupt, J. G.....	Clarion, Penna.
Hogan, J. L....	William, N. D.	Smit, W.....	Cook, Ill.
Holland, A. E.....	Madison, Ill.	Stapleton, T. M....	Orange, N. Y.
Hough, H. L....	Nemaha, Kans.	Steele, M. L....	Mercy, W. Va.
Kelley, W.....	Cook, Ill.	Stone, E. J.....	Cook, Ill.
Khafagy, A. M.....	Egypt	Stone, S. J.....	Cook, Ill.
King, A. C.....	Cook, Ill.	Stueck, A.....	Manitowoc, Wis.
Knuteson, A....	Hennepin, Minn.	Sucherman, S.....	Cook, Ill.
Kozokiewicz, L. P....	Cook, Ill.	Sullivan, J. T....	Worcester, Mass.
Laczynski, F. S....	Erie, N. Y.	Sutphin, M.....	Boone, W. Va.
Laughlin, F. J....	Niagara, N. Y.	Tabenski, L. L.....	Cook, Ill.
Leininger, O.....	Cook, Ill.	Taylor, W. A.....	Lucas, Ohio
Levett, J.....	Cook, Ill.	Taylor, R. W.....	Gibson, Ind.
Lipson, I.....	Silverbow, Mont.	Tierney, C. J....	New Haven, Conn.
Littlejohn, D. M....	Vigo, Ind.	Tigay, R.....	Cook, Ill.
Lutz, E. H....	Ramsey, Minn.	Tote, E. F.....	Champaign, Ill.
McCoy, W. B....	Lancaster, Nebr.	Van Paing, J. F....	Marion, Ind.
McGregor, W. C.....	Canada	Verkler, S. H.....	Cook, Ill.
McKinley, R. W....	Warren, Ill.	Vornholt, M. T....	Franklin, O.
McKinney, C. D....	Champaign, Ill.	Wolton, C. L....	Allegan, Mich.
Macdonald, E. J.....	Cook, Ill.	Weiss, S.....	Cook, Ill.
Malmstone, F. A.....	Lake, Ind.	Wezeman, P. H.....	Cook, Ill.
Marsh, J.....	Marshall, W. Va.	Whistler, F. M....	Wabash, Ind.
Matsuo, T.....	Japan	Wilcox, E. V....	Livingston, Ill.
Michael, J. M....	Fayette, Penna.	Wilkerson, H. H....	Iron, Utah
Mikalotitis, K.....	Cook, Ill.	Wilson, R. S.....	Fayette, Ky.
Moore, J. L....	Orange, N. Y.	Yonikis, J.....	Cook, Ill.
Morgan, B.....	Wasco, Oregon	Zissin, E.....	Ford, Ill.
Morgenroth, F. C.....	Milwaukee, Wis.		

## Seniors, 1912-1913.

Ackerman, S.....	Cook, Ill.	Austin, C. P.....	Lonohe, Ark.
Altunian, Mr.....	Turkey	Auza, C.....	Peru, S. A.
Anderson, F. A.....	Cook, Ill.	Axtell, E. S....	Delaware, N. Y.
Arnold, C. H....	Saline, Nebr.	Baker, A. L.....	Peoria, Ill.
Asma, F.....	Lake, Ill.	Barradell, A.....	Putnam, N. Y.
Auerbach, J....	Dickinson, Mich.	Barradell, L. R....	Putnam, N. Y.

- Basheer, M.....Egypt  
 Becker, C. N.....Cook, Ill.  
 Benedetto, J.....Cook, Ill.  
 Bennett, C. R.....Ohio, Ky.  
 Berkey, H. A.....Cook, Ill.  
 Beynon, J.....Cook, Ill.  
 Bogart, L. M.....Passaic, N. J.  
 Breining, O.....Germany  
 Brickley, H. D.....Wells, Ind.  
 Bryson, E. M.....Blue Earth, Minn.  
 Bury, C. L.....Day, S. Dak.  
 Busteed, H. C.....Cook, Ill.  
 Capps, J. F.....Clay, Ala.  
 Charlton, C. P.....Lancaster, Nebr.  
 Ciotala, Mr.....Cook, Ill.  
 Clary, L. R.....Tippecanoe, Ill.  
 Cleveland, E. S.....Cook, Ill.  
 Cobb, R. B.....Cook, Ill.  
 Cohen, M.....Cook, Ill.  
 Cohen, N. M.....Cook, Ill.  
 Cook, H. S.....Iroquois, Ill.  
 Courtney, C. H.....Lancaster, Nebr.  
 Cox, J. W.....Lowndes, Miss.  
 Cummings, J. C.....  
 .....Westmoreland, Penna.  
 DaCosta, S.....Cook, Ill.  
 Dagnault, J. A.....France  
 Darche, A. L.....Cook, Ill.  
 De Rosa, R.....Cook, Ill.  
 De Salvo, F.....Cook, Ill.  
 Desprez, L. W.....Lauderdale, Ala.  
 DeVeny, C.....Cook, Ill.  
 Dimond, H. A.....Bridgeport, Conn.  
 Donnell, J. B.....Edwards, Kans.  
 Dorente, D. R.....Sebastian, Ark.  
 Dorsey, H. P.....LaSalle, Ill.  
 Douglas, J. E.....Morgan, Tenn.  
 Duplantis, A. L.....Terrebone, La.  
 Dwyer, J. G.....Renselear, N. Y.  
 Ecker, F. L.....Hennepin, Minn.  
 Eddleman, A. G.....Barton, Mo.  
 Edison, I. A.....Cook, Ill.  
 Elschied, R. J.....Chickesaw, Iowa  
 Elfrink, B. M.....Cook, Ill.  
 Ellis, L. C.....Lowndes, Miss.  
 Epstein, A.....Cook, Ill.  
 Ericson, G.....Cook, Ill.  
 Evans, G. S.....McLean, Ill.  
 Everwine, J. M.....Indiana, Penna.  
 Farmer, H.....Cook, Ill.  
 Feinstein, B.....Porter, Ind.  
 Ferrell, J. T.....Roane, W. Va.  
 Finkle, B. A.....McPherson, Kans.  
 Fisk, F. B.....Cook, Ill.  
 Florestano, Bruno Beverly, Mass.  
 Foster, J. M.....Cook, Ill.  
 Fox, C. M.....Morgan, Ind.  
 Freeman, M. J.....Sac, Iowa  
 Funk, N. E.....Porter, Ind.  
 Gay, A. J.....Randolph, Ala.  
 Gazda, J. A.....Clay, Ind.  
 Geis, N. C.....Cook, Ill.  
 Gentile, J. S.....Cook, Ill.  
 Glascock, H. W.....Wake, N. C.  
 Godlewski, S.....Allegheny, Penna.  
 Golden, S.....Cook, Ill.  
 Goldfine, A. H. C.....Cook, Ill.  
 Greeley, H. P.....DeKalb, Ill.  
 Groody, Mr.....Washington, Kans.  
 Grotowski, L.....Cook, Ill.  
 Hale, C. L.....Carroll, Ark.  
 Hannen, F. S.....Cook, Ill.  
 Hanson, A. R.....Cook, Ill.  
 Harley, C. J.....Branch, Mich.  
 Hart, G. B.....Cook, Ill.  
 Hay, G. W.....Bourbon, Kans.  
 Hester, R. N.....Woodford, Ill.  
 Heydanek, J.....Cook, Ill.  
 Hodges, J. D.....Pulaski, Ark.  
 Hollnagel, C. W.....Cook, Ill.  
 Holmes, H. R.....Cook, Ill.  
 Hursey, V. G.....Noble, Ind.  
 Hurwich, A.....Cook, Ill.  
 Huston, R. R.....Greene, Iowa  
 Irving, J. M.....Cook, Ill.  
 James, F. K.....Sangamon, Ill.  
 James, L. A.....Sangamon, Ill.  
 Jenks, W. H.....Blackhawk, Iowa  
 Jordan, C. E.....Clay, Ala.  
 Kaczowski, Mr.....Cook, Ill.  
 Kalinowski, N.....Cook, Ill.  
 Kane, J. P.....Jefferson, N. Y.  
 Karlin, A. E.....Cook, Ill.  
 Kendall, W. E.....Mason, Ill.  
 Kennedy, E. T.....Queens, N. B.  
 Kepler, E. C.....Wapello, Iowa  
 Kepler, N. C.....Wapello, Iowa  
 Kerr, C. R.....Monroe, N. Y.  
 Kiley, J. E.....Tioga, Penna.  
 Kirson, C.....Lake, Ind.  
 Klug, O.....Cook, Ill.  
 Koefoot, T.....Cook, Ill.  
 Korby, G. J.....Houghton, Mich.  
 Krasnow, H. R.....Cook, Ill.  
 Krolick, Mr.....Cook, Ill.  
 Kruszkza, F. J.....Lake, Ind.  
 La Berge, G. H.....Cook, Ill.  
 Lane, W. H.....Oklahoma, Okla.  
 Lanham, F. L.....Cook, Ill.  
 Lapin, C. A.....Cook, Ill.  
 Lebovitz, J.....Cook, Ill.  
 Leisure, E. A.....Saline, Mo.  
 Leitch, G. W.....Missauka, Mich.  
 Lenart, F.....Cook, Ill.  
 Lend, J. R.....Cook, Ill.  
 Lhotka, J. F.....Cook, Ill.  
 Lightner, J. C.....Pope, Ill.  
 Lingard, W.....Cook, Ill.  
 Lipman, L.....Cook, Ill.  
 Looney, S. D.....Roane, W. Va.  
 McColeman, D.....Canada  
 McCowan, D. C.....Adair, Mo.  
 McDonad, C. A.....Jackson, Ind.  
 McGilner, S. N.....Ramsey, Minn.  
 McIntosh, H. C.....Ramsey, Minn.  
 McIntyre, A. M.....Hennepin, Minn.  
 McPherson, C. H.....LaPorte, Ind.  
 Mason, J. C.....Allegheny, Penna.  
 Matthews, W. W.....  
 .....Rockingham, N. C.  
 Mead, E. C.....Washington, Ind.  
 Mellinger, W. J.....Hendricks, Ill.  
 Meloy, E.....Shelby, Ind.  
 Meyer, E. J.....Buchanan, Iowa  
 Meyer, J. T.....Buchanan, Iowa  
 Miller, E. B.....Cook, Ill.  
 Miller, J. A.....Jefferson, Ala.  
 Miller, T. E.....Orangeburg, S. C.  
 Moreno, N.....Franklin, Mass.  
 Murphy, J. F.....Cook, Ill.



Nachtigall, H.	Cook, Ill.	Smolczynski, K. M.	Erie, N. Y.
Nast, E. H.	Cook, Ill.	Snyder, M. V.	Chippewa, Wis.
Netherton, C.	Pulaski, Ind.	Sobszak, F. H.	Allegheny, Penna.
Newton, J. E.	Lawrence, Penna.	Sorna, A.	Cook, Ill.
Nibley, J. O.	Salt Lake, Utah	Southwick, W. W.	Marshall, Iowa
Nimschik, J. J.	Cook, Ill.	Speegle, A. A.	Anderson, Texas
O'Brien, Mr.	Allegan, Mich.	Speevak, J.	Cook, Ill.
Ochs, S.	Cook, Ill.	Spreng, R. W.	DuPage, Ill.
O'Donnell, W. J.	Bristol, Mass.	Sproc, C.	Cook, Ill.
Park, C. E.	Washington, Penna.	Stanton, J. E.	Cook, Ill.
Parker, A. J.	Cook, Ill.	Stark, W. W.	Jefferson, Kans.
Parker, C. R.	Vernon, Mo.	Steele, R. F.	Tioga, Penna.
Parker, M. U.	Vernon, Mo.	Stone, D. B.	Schuyler, N. Y.
Pederson, L. S.	Polk, Minn.	Stookey, P. F.	Decatur, Iowa
Perkins, E. V.	Cook, Ill.	Storck, D. A.	Richland, N. D.
Perlstein, M. M.	Cook, Ill.	Strain, T. A.	Lauderdale, Miss.
Peterson, O. H.	Cook, Ill.	Straus, O. A.	Milwaukee, Wis.
Petritsch, J. F.	Cook, Ill.	Sutton, R. J.	Salt Lake, Utah
Pflock, J. J.	Cook, Ill.	Sylvester, F. M.	Kane, Ill.
Priesman, F. A.	Hancock, Ill.	Tananevich, A. J.	Cook, Ill.
Prominsky, L. J. A.	Cook, Ill.	Tate, C. H.	Jasper, Ill.
Raasch, W. H.	Cook, Ill.	Tate, R. A.	Marshall, Ala.
Ragoff, G.	Cook, Ill.	Thornburg, H. D.	Fulton, Ind.
Rahe, A.	Pendleton, Ky.	Thornton, A. D.	Johnson, Ill.
Rector, Z. C.	Clay, Ind.	Tidwell, J. T.	Randolph, Ala.
Rest, O. W.	Tama, Iowa	Tinnappel, W. K.	Marion, Ill.
Robb, H. J.	Wayne, Mich.	Tomaszewski, J. E.	Cook, Ill.
Romeo, P.	Italy	Traber, C. H.	Fresno, Calif.
Rose, L. M.	Russia	Trigger, H. W.	Iroquois, Ill.
Rosenstein, E. J.	Cook, Ill.	Trilla, F.	Porto Rico
Rosenthal, S.	Cook, Ill.	Turov, B.	Russia
Rueck, E. J.	Ford, Ill.	Vitkin, L.	Cook, Ill.
Scharf, C. E.	Cook, Ill.	Vizgard, J. J.	Cook, Ill.
Schaff, G. K.	Cook, Ill.	Vogel, G. N.	Porter, Ind.
Schmid, C. F.	Cook, Ill.	Wadkins, J. T.	Jefferson, Ala.
Schmidt, A. R. C.	Cook, Ill.	Waterbury, D. E.	Cook, Ill.
Schnaer, C. H.	Cook, Ill.	Weinstein, M. L.	Cook, Ill.
Schott, W. H.	Seneca, N. Y.	Whitehead, C. S.	Westmoreland, Penna.
Schram, F. E.	Cook, Ill.	Wichterman, E.	Monroe, O.
Schwinn, E. R.	Ohio, W. Va.	Wickensimer, J.	Pickaway, O.
Segard, C. P.	Cook, Ill.	Wiener, S. H.	Cook, Ill.
Shaddix, A. C.	Cass, Texas	Wilhelm, A. C.	Grand, Traverse, Mich.
Sherman, B.	Cook, Ill.	Williams, G. S.	Brookings, S. D.
Siman, V. L.	Wayne, Neb.	Williamson, G. H.	Hamilton, Ill.
Simpson, H. N.	Rockingham, N. C.	Wisner, L. G.	Morgan, W. Va.
Skolnik, E.	Cook, Ill.	Witte, W. C.	Cook, Ill.
Skovolt, H. T.	Richland, N. D.	Wojtalencz, J.	Cook, Ill.
Smith, B. A.	Otoe, Neb.	Wright, E. L.	Carroll, Ind.
Smith, E. D.	Douglas, Kans.	Young, J. M.	Henry, Ill.
Smith, F. E.	Clinton, Ind.	Zilligen, A.	Cook, Ill.
Smith, G.	Sussex, N. J.		
Smith, H. A.	Lake, Ind.		

## DEPARTMENT OF DENTISTRY.

### Graduates of 1912.

Albright, H. A.	Kankakee, Ill.	Cussen, J. C.	Cook, Ill.
Bell, George	Cook, Ill.	David, I. A.	Worthfield, Mass.
Bellkofer, J.	Cook, Ill.	Denton, George	Canada
Benjamin, H. G.	Hennepin, Minn.	Devney, H. L.	Cook, Ill.
Berge, L. C.	France	Devereaux, H. E.	Dane, Wis.
Bradenberg, O.	La Crosse, Wis.	Domuratt, T.	Cook, Ill.
Bratten, R. C.	Williams, O.	Doty, W.	Cook, Ill.
Brockbank, W.	Utah	Doyle, H. E.	Porter, Ind.
Chambers, P. C.	Cook, Ill.	Eilerts, de Haan A.	Holland
Chappell, O.	Kane, Ill.	Ellsworth, J.	Utah
Clyne, W. C.	Will, Ill.	Evans, W. W.	Cook, Ill.
Cox, L. C.	Allegheny, Penna.	Falkenreck, W.	Cook, Ill.
Cronin, W. A.	Cook, Ill.	Fauconnier, H.	Belgium

Fierston, E. A.....	Cook, Ill.	McDonald, J. H.....	
Floto, E. A.....	Lee, Ill.	.....Stutsman, N. Dak.	
French, C. R.....	Cook, Ill.	Matsuno, M.....	Japan
Gerring, J.....	Peoria, Ill.	Matthews, H.....	Kane, Ill.
Gianolos, N.....	Greece	Mills, G. W.....	Cook, Ill.
Griffyn, J. J.....	Germany	Neymark, G. C.....	Cook, Ill.
Hainline, F. A.....	Cook, Ill.	O'Day, W.....	Monroe, Wis.
Halley, C. A.....	Columbia, Wis.	Olsen, Ed.....	Hennepin, Minn.
Halpern, W. E.....	Cook, Ill.	Pearce, T. R.....	Cook, Ill.
Hannell, J. M.....	Carroll, Ind.	Racette, J.....	Cook, Ill.
Hegstrom, Frank.....	Fergus, Mont.	Rawverda, A.....	Holland
Henson, M. S.....	Cook, Ill.	Richardson, J. H.....	Scurry, Texas
Higgins, T. E.....	Livingston, Ill.	Scruton, W. J.....	St. Lawrence, N. Y.
Hill, H. H.....	Cook, Ill.	Searl, C.....	Steele, Minn.
Horr, D. L.....	DeWitt, Ill.	Seed, W. S.....	New Zealand
Hyniewiecki, W.....	Austria	Sheppard, H. P.....	Cook, Ill.
Iltis, H. C.....	Carver, Minn.	Sinclair, G. R.....	Cook, Ill.
Jaffey, A. A.....	N. Y., N. Y.	Smith, H. W.....	Cook, Ill.
Jarman, W. R.....	Cook, Ill.	Soper, C. I.....	Lee, Ill.
Jiroch, A. C.....	Muskegon, Mich.	Sorenson, A.....	Cook, Ill.
Johnson, R. T.....	Cook, Ill.	Spickerman, B.....	DeKalb, Ill.
Katrava, George.....	Cook, Ill.	Springborn, E. H.....	Marquette, Wis.
Kimble, H. E.....	Williams, O.	Stark, C. E.....	East India
King, R. E.....	Mercer, Ill.	Stevenson, J.....	Borton, Kans.
Knickerbocker, L.....		Stoeffhaas, M.....	Cook, Ill.
.....	Snohomish, Wash.	Sucharoff, S.....	Russia
Kohr, A. B.....	Cook, Ill.	Throop, C. L.....	Mower, Minn.
Kokores, G.....	Cook, Ill.	Turney, T.....	Cook, Ill.
Kuynders, J.....	Holland	Turton, E. L.....	Cook, Ill.
Kyriak, M.....	Roumania	Vest, C. G.....	Germany
LaBelle, F. J.....	Cook, Ill.	Watanabe, T.....	Japan
Lameris, J. L.....	Holland	Webster, H. L.....	DeKalb, Ill.
Lewis, E. A.....	Eldorado, Tenn.	Wilcox, G. E.....	Woodford, Ill.
Lienlokken, James.....	LaCrosse, Wis.	Willey, R. T.....	Davis, Utah
Lindmark, G. E.....	Cook, Ill.	Witherstein, R. J.....	Winnebago, Ill.
Loudin, R. C.....	Upsnur, W. Va.	Wood, R.....	Cook, Ill.
Lundeen, L. J.....	Wexford, Mich.	Wooster, R.....	Chenango, N. Y.
McAuley, J. B.....	Dane, Wis.	Wright, H. W.....	Canada

## Freshman Class 1912-1913.

Barmore, Del.....	Boone, Ill.	Davis, Vernon Webster.....	
Baumstein, Michael.....	Cook, Ill.	.....Pierce, Wis.	
Bennett, Byron R.....	Green, Wis.	Douglass, William Lindsay.....	
Berlsein, J. Bernhardt.....	Cook, Ill.	.....Lake, Indiana	
Block, Martin M.....	Cook, Ill.	Felcher, George L.....	Cook, Ill.
Brewner, James Cyrus.....	Saline, Ill.	Fekete, Emery F.....	Cook, Ill.
Brogmus, Ernest J. P.....	Cook, Ill.	Fink, Herman R.....	Cook, Ill.
Brosey, Charles Henry.....	Cook, Ill.	Foutz, Harold Briggs.....	
Burns, Thomas Michael.....	Cook, Ill.	.....Sevier, Utah	
Burton, Hyman.....	Cook, Ill.	French, Stephen Frank.....	Cook, Ill.
Campbell, James Clyde.....	Cole, Mo.	Gallegos, Guillermo.....	
Chetlain, L. Maurice.....	Cook, Ill.	.....Central America	
Clark, Edward Lee.....	Sevier, Utah	Gallie, Donald Muirhead.....	
Cohen, Mandel Arthur.....	Cook, Ill.	.....Cook, Ill.	
Comstock, Ray Clifford.....		Garberg, Edwin C.....	
.....Lucas, Ohio		.....Dane, Wisconsin	
Conner, Glenn G.....	Livingston, Ill.	Good, A. B.....	Cook, Ill.
Cox, Robert Joseph.....		Goodfriend, Samuel H.....	Cook, Ill.
.....Hanson, South Dakota		Gonwa, Walter, John.....	Ford, Ill.
Cramer, William T.....		Grant, George Albert.....	Canada
.....Muskegon, Michigan		Grasse, Francois Joseph Paul de	
Cummings, Joseph Leo.....		.....Cook, Ill.	
.....Crawford, Wisconsin		Greer, Emory A.....	Gallatin, Ill.
Dahlberg, Edward William.....		Gue, Jesse C.....	Mower, Minn.
.....Cook, Ill.		Guse, Albert William.....	
Dalton, B. F.....		.....Hamlin, South Dakota	
.....Waverly, New Zealand		Gustaveson, Earl Thomas.....	
Daniels, Leo V.....	Livingston, Ill.	.....Dane, Wisconsin	
Dart, O. Lester.....	Cook, Ill.	Hagan, John A.....	Canada



- Hambleton, Gail Martin..... Allegan, Michigan  
 Hansen, Harold O..... Juneau, Wisconsin  
 Hatch, Charles H..... Cook, Ill.  
 Heerwald, Edgar W..... Edmunds, South Dakota  
 Herzberg, Benjamin..... Cook, Ill.  
 Hess, Frank G..... Winona, Minn.  
 Hix, Lawrence A..... Iroquois, Ill.  
 Higson, Alfred Royal..... Bannoch, Idaho  
 Hindman, Homer A..... Jackson, Ill.  
 Horwitz, Hyman..... Cook, Ill.  
 Hough, John Francois..... Cook, Ill.  
 Hudson, Burleigh H..... Kent, Michigan  
 Jacob, Laverne Haines..... Peoria, Ill.  
 Johnson, Harry George..... Cook, Ill.  
 Jones, Leon Arthur..... Iroquois, Ill.  
 Jurbin, Morris..... Warsaw, Russia  
 Keane, James Robert..... Lorain, Ohio  
 Keaton, George Daniel..... Cache, Utah  
 Kirchen, John A..... Cook, Ill.  
 Kirtz, John Franklin..... Cass, Ind.  
 Kobrzynski, John P..... Cook, Ill.  
 Koch, Albert Ferdinand..... Pope, Ill.  
 Koffman, Lewis S..... Cook, Ill.  
 Kohl, Joseph George..... Greene, Ill.  
 Kohn, Joseph E..... Cook, Ill.  
 Kolar, Otto..... Cook, Ill.  
 Krogen, Martin James..... Manistee, Mich.  
 Kubiak, Frank S..... St. Joseph, Ind.  
 Landesman, Morris..... Germany  
 Lasch, Frances..... Austria  
 Leggett, R. H..... Cook, Ill.  
 Lepak, Stephen Stanley..... St. Louis, Minn.  
 Lindbeck, Richard N..... Chautauqua, New York  
 Marcinkiewicz, Andrew J..... Cook, Ill.  
 Marquardt, Herbert Arthur..... Des Moines, Iowa  
 McCarthy, Thomas P..... Towner, North Dakota  
 McCauley, Daniel Henry..... Cecil, Maryland  
 McCoshen, William John..... Ashland, Wisconsin  
 McCulloch, A. E..... Webb, Texas  
 McDonald, William James..... Clay, Minn.  
 McDonald, John Herbert..... Clay, Minn.  
 McKenzie, C. H..... Canada  
 McKenzie, James Earl..... Cook, Ill.  
 McKenty, M. D..... Canada  
 McLean, Edwin Harold..... McDonough, Ill.  
 Matthews, Stewart A..... Cook, Ill.  
 Miller, Marvin Fero..... Franklin, Tenn.  
 Moore, Oliver Frederick..... Cook, Ill.  
 Morrison, William Reginald..... Canada  
 Mueller, A. Henry..... Manitowoc, Wis.  
 Neiman, Benjamin Jacob..... Cook, Ill.  
 Novy, H..... Cook, Ill.  
 O'Connell, John P..... Ford, Ill.  
 Papsdorf, Paul G..... Cook, Ill.  
 Pedler, James Stanley..... Muskegon, Mich.  
 Peer, Homer..... Hamilton, Ill.  
 Peterson, Albert W..... McLean, Ill.  
 Petrascogianis, Andrew J..... Greece  
 Petty, Gus..... Weber, Utah  
 Pierce, Henry Eugene..... Clinton, Iowa  
 Pollice, Joseph Alfonso..... Cook, Ill.  
 Poulson, E. W..... Sevier, Utah  
 Quint, Louis..... New York, N. Y.  
 Ratcheff, Christo Weltchoff..... Bulgaria  
 Reimche, George Washington..... Lancaster, Nebr.  
 Ritenour, Willis Young..... La Salle, Ill.  
 Rose, Thomas Peter..... Kankakee, Ill.  
 Sanborn, Joseph Walter..... Cook, Ill.  
 Sanderow, Bores..... Cook, Ill.  
 Sapranas, S..... Lackawanna, Pa.  
 Schachter, Emanuel..... Essex, N. J.  
 Smeltzer, Norman Rollo..... Elkhart, Ind.  
 Snoberger, Rantz E..... Crawford, Wis.  
 Sommerfield, Nate..... Cook, Ill.  
 Sorley, Milford..... Traill, N. Dak.  
 Spickerman, John Arthur..... DeKalb, Ill.  
 Squires, Ray E..... Ford, Ill.  
 Steinberg, A. David..... Cook, Ill.  
 Stith, Andrew H..... Cook, Ill.  
 Struble, Mark E..... Grant, Ind.  
 Stuck, Leon G..... Allegan, Mich.  
 Sweeney, Patrick J..... Lewis & Clark, Montana  
 Tiltitzky, Gustave Joseph..... Passaic, N. J.  
 Toolson, Joseph Glen..... Cache, Utah  
 Van Sickle, F..... Trempealeau, Wis.  
 Vermilye, Oscar Valentine..... DeKalb, Ill.  
 Vornholt, R. W..... Franklin, Ohio  
 Wallace, E. M..... Winnebago, Ill.  
 Warshawsky, Philip..... Cook, Ill.  
 Weiss, Adolph..... Cook, Ill.  
 Welp, Lawrence William..... Kossuth, Iowa  
 Wilkins, Thomas H..... New York, N. Y.  
 Wumkes, W. W..... Lincoln, S. Dak.  
 Yackee, Earle N..... Ford, Ill.  
 Zajweski, Walter..... Russia  
 Zun, Jacob..... Cook, Ill.

## Junior Class 1912-1913.

Agranat, Aaron J.....Cook, Ill.	Jenkin, Leonard A.....
Ames, Charles Marvin.....	.....Cascade, Montana
.....Klamath, Oregon	Kahn, Charles S.....Cook, Ill.
Anderson, Albert Warren.....	Kanief, Paul.....Cook, Ill.
.....Burnett, Wis.	Kaplan, J. H.....Hennipen, Minn.
Beatty, Burrell B.....McLean, Ill.	Kargau, H.....Cook, Ill.
Belding, Clarence Rush.....	Karr, Guy A.....Parmer, Texas
.....Silver Bow, Montana	Kemp, Pieter Hendrik vander..
Bell, Elmer.....Monroe, Wis.	.....Holland
Benner, George F.....Barry, Mich.	Kinsman, Robert E.....
Berkenstadt, Abe B.....Cook, Ill.	.....Black Hawk, Iowa
Blake, B. B.....Cook, Ill.	Koettters, Edward F.....Adams, Ill.
Blum, Nathan W.....Cook, Ill.	Leavitt, Richard.....Cook, Ill.
Bowie, Donald Burt.....	Leininger, Luther R.....Cook, Ill.
.....Colfax, Nebr.	Lindaas, M. R.....Traill, N. Dak.
Brett, Arno Lawrence.....Cook, Ill.	Lindburg, H. L.....Rock Island, Ill.
Brevig, Colburn, H. H.....Cook, Ill.	Lindner, Arthur H.....Cook, Ill.
Brimelow, H. Caton.....	Lohman, Emelia M.....
.....Snohomish, Wash.	.....Outagamie, Wis.
Burns, Robert Stanley.Jeff, N. Y.	Lynch, John E.....Cook, Ill.
Caldwell, G. C.....Canada	McCrostie, John Roy.....Canada
Carde, Jose G.....Porto Rico	McNeil, William Izatt.....
Carlson, William Irving.Cook, Ill.	.....Cache, Utah
Cass, C. H.....Cook, Ill.	Martin, Julius Herman.....
Chaput, E.....Houghton, Mich.	.....Hennepin, Minn.
Cisar, A. W.....Cook, Ill.	Martin, L. Clifford.....Cook, Ill.
Clayton, Harry.....Ramsey, Minn.	Martineau, Albert Alfred.....
Coccolis, Constantine D.....Greece	.....Rolette, N. Dak.
Crouch, Walker Meddley.....	Mathison, Wegor E.....Iroquois, Ill.
.....Cook, Ill.	Michman, M.....Russia
Cyrier, Oscar.....Cook, Ill.	Miller, Thomas George.....
Dedic, Frank J.....Cook, Ill.	.....Whiteside, Ill.
Dilger, Frank S.....	Minch, Frank P.....Ford, Ill.
.....Hutchinson, S. Dak.	Minkowsky, Samuel.....Cook, Ill.
Doktorsky, Philip.....Cook, Ill.	Mitchell, George H.....Cook, Ill.
Drummond, John.....Lake, Ind.	Moldt, George C.....Cook, Ill.
Dunne, F. Raymond.....Cook, Ill.	Nelson, Geoffrey H.....
Emery, J. Seton.Goodhue, Minn.	Nelson, John B.....
Fernandez, Sebastian.....Spain	.....Bonhomme, S. Dak.
Finklestein, Arthur.....Cook, Ill.	Newberger, A. D.....Cook, Ill.
Flath, Norman R.....Canada	Norton, Harry D.....Scotland, Mo.
Ford, Jas. W.....Livingston, Ill.	Olson, Carl O.....Ogle, Ill.
Frankel, Elias.New York, N. Y.	Peika, Frank X.....Cook, Ill.
Friedman, Julius.....Kankakee, Ill.	Pendergast, Walter A.Linn, Iowa
Fuerstenberg, H. Saul.....Cook, Ill.	Pfister, Joseph A.....Cook, Ill.
Gindich, L.....Cook, Ill.	Phillips, Donald Milton.....
Giswold, Robert.....Burnett, Wis.	.....Trempealeau, Wis.
Giswold, Alex.....Ramsey, Minn.	Preston, Alex P.....Cache, Utah
Gribble, Arthur T.....	Prugh, E. A.....Cook, Ill.
.....Houghton, Mich.	Puffer, Charles Leslie.Cook, Ill.
Gurskis, A.....Russia	Rockoff, A.....Russia
Haines, Harlan E.....	Rome, Harry C.....Hartford, Conn.
.....McDonough, Ill.	Rozenzweig, N. M.....Cook, Ill.
Hardy, Ray C.....Winnebago, Ill.	Saavedra, Henri.....Dutch Guiana
Harwood, E. Ernest.....	Sanberg, Arthur W.McKenna, Pa.
.....Livingston, Ill.	Sauer, Clarence John.....Lee, Ill.
Hayden, W. M.....Jueau, Wis.	Schleis, Edward W.....Cook, Ill.
Hennis, Harry W.....DeKalb, Ill.	Schultz, N. J.....Jackson, Iowa
Herzberg, Erwin.....Cook, Ill.	Schluchter, R. S.....Huron, Mich.
Hockman, Isidore G.....Cook, Ill.	Schumann, Robert.....Germany
Itatani, Tatusji.....Japan	Schurman, Peter H.....Cook, Ill.
Jack, Albert S.....Jefferson, Ill.	Secor, Frank C.....
Jacobi, Lee.....Cook, Ill.	.....Saunders, Nebr.
Jacobson, Abraham Henry.....	Seten, Charles E.....Saline, Ill.
.....Bay, Mich.	Shay, William G.....Cook, Ill.
Jaffee, Robert W.....Cook, Ill.	Sheehy, Mark Kirby..Brown, Wis.
Janes, Lorne V.....Canada	



Shimandle, Edward A.....Kewaunee, Wis.  
 Shurtliff, John W....Weber, Utah  
 Sibal, Louis.....Cook, Ill.  
 Sigel, S. Albert.....Cook, Ill.  
 Simmons, Carwin J.....  
 .....Faulk, S. Dak.  
 Simonek, Anna E.....Cook, Ill.  
 Sitkin, John J.....Cook, Ill.  
 Skoien, Ivan M.....Cook, Ill.  
 Smart, Floyd E.....Juneau, Wis.  
 Snowdon, Harold H....Cook, Ill.  
 Soboleff, H.....Russia  
 Stahl, Henry W.....Cook, Ill.  
 Stepanek, Charles W....Cook, Ill.  
 Stevens, H. F.....Spink, S. Dak.  
 Stevens, M. D.....Cook, Ill.  
 Stevens, Michael Vincent.....  
 .....Minnehaha, S. Dak.  
 Stockfleith, Frederick...Cook, Ill.  
 Stransky, Premysl J....Cook, Ill.  
 Switzer, Elmer W..Oakland, Mich.  
 Sweeney, Clarence A..Grant, Wis.  
 Taylor, Herbert William.Cook, Ill.  
 Thatcher, Edgar B...Cache, Utah

#### Senior Class 1912-1913.

Abbey, Willis Flagg.....  
 .....Hartford, Conn.  
 Abbott, Gordon M.....Canada  
 Aberman, Samuel.....Cook, Ill.  
 Anderson, Palmer T.....  
 .....Woodbury, Iowa  
 Andrews, Alexander M..Cook, Ill.  
 Babcock, H. Ward....Iroquois, Ill.  
 Bellows, Hjalmer N....Sweden  
 Bost, Jacob A.....Ashland, Wis.  
 Brager, Arthur Myron.....  
 .....Cerro Gordo, Iowa  
 Britson, Arthur W..Dodge, Wis.  
 Brock, Theophilus Clay.....  
 .....Jefferson, Ky.  
 Bullen, Charles S....Kent, Mich.  
 Bunch, Albert.....Carroll, Ark.  
 Burroughs, William Paul.....  
 .....Turner, S. Dak.  
 Carson, Wm. H....McHenry, Ind.  
 Carruthers, Jas. Jardine..Canada  
 Cisna, E. C.....Blackhawk, Iowa  
 Clow, F. Lester, Jr....Cook, Ill.  
 Connor, Frank Herbert Easton.....  
 .....Canada  
 Coons, George Forrest.....  
 .....Tuscola, Mich.  
 Costello, Albert Dale.Grundy, Ill.  
 Coverley, William E..Morgan, Ill.  
 Cronin, John Henry, Jr..Cook, Ill.  
 Decker, Durd L.....Cook, Ill.  
 De Rome, Raphael A...Cook, Ill.  
 Dixon, Claude Wade.....  
 .....Kenosha, Wis.  
 Drangelis, Kazys.....Will, Ill.  
 Dolson, George C....Ionia, Mich.  
 Fabricant, A.....Cook, Ill.  
 Fehr, F. John.....Bohemia  
 Fehrenbacher, August...Clay, Ill.  
 Fehrenbacher, Henry E..Clay, Ill.  
 Ferguson, Norman James.Canada  
 Feuer, Morris.....Cook, Ill.

Tichy, Marie M.....Cook, Ill.  
 Tichy, Mabel B.....Cook, Ill.  
 Umbenhaur, Ellery V.....  
 .....Williams, Ohio  
 Urbanek, Joseph V.....Cook, Ill.  
 Vezel, C. Z.....Worcester, Mass.  
 Vries, Ade.....Holland  
 Waddups, Ezra.....Davis, Utah  
 Warden, Oliver.....Cook, Ill.  
 Weidder, George J.....Cook, Ill.  
 Werner, Willy Gustav...Germany  
 Westgate, Roy L.....  
 .....Manitowoc, Wis.  
 Williams, W. I....Conway, Ark.  
 Willman, Clarence.Kankakee, Ill.  
 Wilske, J. W....Schenectady, N. Y.  
 Wirth, Henry J.....Peoria, Ill.  
 Woodworth, H. W..Clay, S. Dak.  
 Worcester, Milton F.....  
 .....Black Hawk, Iowa  
 Yake, J. Calvin.....Canada  
 Yamada, Watari.....Japan  
 Ybern, Ramon.....Porto Rico  
 Yonover, Naftal.....Cook, Ill.  
 Zajicek, Edwin C.....Cook, Ill.

Fischer, Walter Godfrey.....  
 .....Sangamon, Ill.  
 Fisher, Christy McPhee..Canada  
 Fisher, Lewis Thompson..Canada  
 Freedman, Arthur David.....  
 .....Cook, Ill.  
 French, John Ray.....Cook, Ill.  
 Frost, George Nathaniel.....  
 .....McLean, Ill.  
 Fuqua, H. V.....Cook, Ill.  
 Gaff, Oliver.....Pierce, Wash.  
 Gall, Otto F.....Cook, Ill.  
 Ginsberg, Jacquin Lawrence...  
 .....Cook, Ill.  
 Grant, Robert Norman...Canada  
 Grimson, John S.....  
 .....Cavalier, N. Dak.  
 Grosse, Fred Curt.....Cook, Ill.  
 Grunwald, H. E.....Russia  
 Grzesik, Herman K....Germany  
 Hamilton, Delbert L..Hardin, Iowa  
 Hanson, Arthur John.....  
 .....Meade, S. Dak.  
 Headley, Wm. E.....Kent, Mich.  
 Heide, Albert.....France  
 Henderson, Murray Judson...  
 .....Ottawa, Mich.  
 Hinch, Leslie D.....Cook, Ill.  
 Hobbs, George V.....Cook, Ill.  
 Hoeksema, T.....Holland  
 Hood, S. Trenholme....Cook, Ill.  
 Horr, Elton C.....Dewitt, Ill.  
 Huffman, Arthur J....Clark, Ind.  
 Hussey, F. A.....Cook, Ill.  
 Jarvinen, John J..Douglas, Wis.  
 Jeffrey, Cecil C.....Canada  
 Jeffrey, Harold Chester..Canada  
 Johns, Llywolaf.....Lake, Ind.  
 Jones, Raymond C.....Canada  
 Kalbfeisch, C. M.....Cook, Ill.  
 Karamanos, Angelos K...Greece  
 Kelly, Joseph Raymond..Will, Ill.

- Kolar, John E.....Cook, Ill.  
 Kuperman, Adolph.....Cook, Ill.  
 Ladao, Joaquin.....Philippine Is.  
 Larson, Guy Howard...Dane, Wis.  
 Larson, J. H.....  
     .....Esmeraldo, Nevada  
 La Salle, Harrison J.....  
     .....Spokane, Wash.  
 Leef, Hyman.....Cook, Ill.  
 Levit, Edward Adolph...Cook, Ill.  
 Lockhart, Ben, Jr.....  
     .....Winnebago, Wis.  
 Luebke, Edward W.....  
     .....Waupaca, Wis.  
 McAuley, Frank C.....Vernon, Wis.  
 McClanahan, Glen L....Cook, Ill.  
 McCune, Henry J.....  
     .....Rensselaer, N. Y.  
 McDonald, Lloyd Charles.....  
     .....Sedgwick, Kans.  
 McGinnis, Clyde W....Blair, Pa.  
 McGuire, John C.....Whitley, Ind.  
 Mahoney, Jos. T.....Cook, Ill.  
 Manock, Albert Roy...Dewitt, Ill.  
 Marks, Herbert G....Clay, Minn.  
 Marshall, Edward Guy..Marion, Ill.  
 Maxwell, Wm. A....Defiance, Ohio  
 Mercer, F. S.....Canada  
 Meredith, Jesse L....Sangamon, Ill.  
 Mooers, Charles E.....  
     .....Washington, Wis.  
 Muchow, Wm. Mark.Sibley, Minn.  
 Mullins, J. Frank..Pendleton, Ky.  
 Murrin, Frank H.....Boone, Ill.  
 Muzzys, Leo B.....Livingston, Ill.  
 Nagasawa, Tomijiro.....Japan  
 Nemmers, Edward G.....  
     .....Kossuth, Iowa  
 Nemmers, P. J. L....Kossuth, Iowa  
 Nichols, James A....De Soto, Fla.  
 Noonan, Patrick J....Kane, Ill.  
 Norlander, Waldo H....Lake, Ill.  
 Ogilvie, Norman M....DeKalb, Ill.  
 Patterson, Ira Clifton.....  
     .....Jefferson, Pa.  
 Pecaro, August.....Cook, Ill.  
 Peterson, Otto E..Houghton, Mich.  
 Petraitis, Peter.....Russia  
 Pfister, Herbert Harold.....  
     .....Fillmore, Minn.  
 Phillips, William Charles.....  
     .....Cook, Ill.  
 Porter, Franklin....Hamilton, Ill.  
 Prendergast, Louis J.....  
     .....Cook, Ill.  
 Price, E. E.....Cook, Ill.  
 Price, Robert Nathaniel.....  
     .....Cavalier, N. Dak.  
 Randolph, George Arthur.....  
     .....Minnehaha, N. Dak.  
 Ransier, Wayne A.....  
     .....Towner, N. Dak.  
 Reay, Milton F.....Cook, Ill.  
 Rennie, Leland Lorenzo.....  
     .....Whiteside, Ill.  
 Repp, Dale Ellsworth.....  
     .....Williams, Ohio  
 Robinson, Forest L.....  
     .....Alameda, Calif.  
 Sainsbury, Otto.....Sevier, Utah  
 Saubert, Walter John...Cook, Ill.  
 Schmidt, Fritz.....Germany  
 Schwartz, Charles.....Cook, Ill.  
 Searl, Sewell M....Steele, Minn.  
 Shannon, William Herbert.....  
     .....Richland, Ill.  
 Shalek, Arthur Vincent..Cook, Ill.  
 Shepard, Harry Patent.Erie, N. Y.  
 Sher, William V.....Cook, Ill.  
 Sigrist, Elmer P....Andrew, Mo.  
 Sigtenhorst, William.....  
     .....Muskegon, Mich.  
 Smeltzer, Warren H....Cook, Ill.  
 Smith, R. E.....La Salle, Ill.  
 Smith, H. W.....Cook, Ill.  
 Soelberg, Theodore O.....  
     .....Yellow Medicine, Minn.  
 Stark, Smith S..Coconine, Arizona  
 Steere, Henry Raymond.Cook, Ill.  
 Stone, Lambert G....Denver, Colo.  
 Strauchon, J. Hunter.New Zealand  
 Sugiyama, Nihei.....Japan  
 Summer, Peter David.....  
     .....Woodford, Ill.  
 Swartout, C. Ernest.....  
     .....Allegan, Mich.  
 Taylor, Grover C.....Cook, Ill.  
 Taylor, Joseph D.....  
     .....Hennepin, Minn.  
 Thomas, Earl Hartley.....  
     .....Vancouver, B. C.  
 Tintera, Joseph V.....Cook, Ill.  
 Toolson, George H....Cache, Utah  
 Trafny, Watenty S.....Poland  
 Watanabe, W.....Japan  
 Weaver, Jay C.....Cook, Ill.  
 White, David Harold....Canada  
 Witt, Edward Charles...Cook, Ill.  
 Wright, James Leslie....Canada  
     .....Canada  
 Wumkes, Peter Justus.....  
     .....Lincoln, South Dakota  
 Zeches, Melville M..Winona, Minn.  
 Zimmerman, Samuel...Cook, Ill.

## DEPARTMENT OF COMMERCE.

## Graduates of 1912.

- Allen, Ernest....Washington, O.  
 Allen, Fred H....Berrien, Mich.  
 Ankerman, Lina.Poweshiek, Iowa  
 Apple, Chas. H....Orange, Ind.  
 Arndt, Herman....Taylor, Wis.  
 Barnett, Harvey.Harrison, W. Va.  
 Barth, Wm. J.....Allen, Ind.  
 Begich, Nick....Houghton, Mich.  
 Beltari, Charles M.....  
     .....Houghton, Mich.  
 Bogen, Samuel...Lincoln, Minn.  
 Boyum, Andrew.Otter Tail, Minn.  
 Braselton, Boyd...Parker, Texas  
 Buck, Maurice.....Clinton, Ind.



Budd, Walter F...Shannon, Mo.  
 Burns, Ralph.....Essex, N. J.  
 Buzan, W. P.....  
     .....San Francisco, Calif.  
 Center, Bert.....Iroquois, Ill.  
 Chapman, George...Logan, W. Va.  
 Chapman, Mabel...Pierre, S. Dak.  
 Charles, R. H.....Cook, Ill.  
 Chatham, Ira...Lauderdale, Miss.  
 Cheek, G. H.....Schicat, Ark.  
 Clark, Tavi.....Davies, Ky.  
 Davis, Ira.....Nicholas, W. Va.  
 Deken, Peter.....Russia  
 Dickinson, Wilbur...Manitowoc, Wis.  
 Dinwoodie, D. P...Bottineau, N. D.  
 Duclos, Clayton....Porter, Ind.  
 Dyer, Fred.....Pendleton, W. Va.  
 Edmiston, Emma...Sullivan, Ill.  
 Evans, Jas. R...Green Lake, Wis.  
 Fleishman, Ora.....  
     .....Kingsbury, S. Dak.  
 Fox, Leo H.....Sheridan, N. D.  
 Frusz, Ralph V...Morton, N. Dak.  
 Fujitsu, Yashiro.....Japan  
 Fuson, C. C.....Richland, Ill.  
 Goedecke, Walter...Sauk, Wis.  
 Goldamme, M. L...Sheboygan, Wis.  
 Gough, Ruth.....Lake, Ind.  
 Graham, Earl.....Marion, Ill.  
 Green, Kenneth....Douglas, Mo.  
 Green, Jules.....Abbeville, La.  
 Gryurich, Jake...Houghton, Mich.  
 Harper, Estelle...Crawford, Ill.  
 Harper, Grant....Henry, Ky.  
 Harris, Harvey...Williamson, Ill.  
 Harris, Otto L....Jay, Ind.  
 Hasick, Joseph....Hardin, Ill.  
 Herala, Jacob...Marquette, Mich.  
 Hess, Dea H...Columbia, Penna.  
 Heybem, Harvy.....  
     .....Livingstone, N. Y.  
 Holloman, E. B...Randolph, Ill.  
 Hosemeyer, Earl E...Kankakee, Ill.  
 Hughes, Jos.....Franklin, Ill.  
 Johnston, Lee A...McHenry, Ill.  
 Jones, Guy.....Alexandria, Ill.  
 Kalmeyer, Thomas.....  
     .....Allegheny, Penna.  
 Kelemenic, Joe....Lake, Ind.  
 Kismier, Ray M...Crawford, Ill.  
 Kraus, Rudolph.....  
     .....Philadelphia, Penna.  
 Lander, Richard...Houghton, Mich.  
 Lucas, M. D.....Hughes, Okla.  
 McClung, Calvin A.....  
     .....Nicholas, W. Va.  
 McCumber, E. R...Douglas, Ill.  
 McGill, Marguerite...St. Cloud, Fla.  
 McIntosh, PeterA.....  
     .....Bottineau, N. D.  
 McKean, Jesse.....Jasper, Ill.  
 McKinstry, H. L...Chaves, N. Mex.  
 Macklem, Myrle...Sanilac, Mich.  
 Mayfield, Joe.....Grimes, Texas  
 Merwin, Miles...St. Croix, W. I.  
 Miller, Earl.....Jay, Ind.  
 Monk, Amos.....Will, Ill.  
 Moore, M. P...Pocahontas, W. Va.  
 Morgan, Zade....Gallatin, Mont.  
 Niemi, Matt....Houghton, Mich.  
 Norby, J. E.....Becker, Minn.  
 Olson, Chas. W...Crawford, Penna.  
 Perch, Frank...Allegheny, Penna.  
 Peterson, Oscar N...Cook, Ill.  
 Pickering, Homer C...Sauk, Wis.  
 Plunkett, George H.....  
     .....Franklin, Va.  
 Poskitt, George H.....  
     .....Ogemaw, Mich.  
 Rantz, Earl....Allegan, Mich.  
 Rea, Chris....Clearfield, Penna.  
 Rud, Alphonse...Calcasieu, La.  
 Reeve, Chas. W...Cuyahoga, O.  
 Rumbaugh, George...Cook, Ill.  
 Schnitker, Caroline...Cass, Ill.  
 Scott, Katie.....Moultrie, Ill.  
 Simms, S. C.....Ohio, W. Va.  
 Skinner, Claude...Kankakee, Ill.  
 Southwick, LeRoy.....  
     .....Olmstead, Minn.  
 Spur, Ralph....Atchison, Kans.  
 Squarcy, M. V....Porter, Ind.  
 Svarich, John....Cook, Ill.  
 Talbot, F. Merl...Sauk, Wis.  
 Taylor, E. R...Lycoming, Penna.  
 Thielen, Albert...Itasca, Minn.  
 Thielen Arthur...Itasca, Minn.  
 Thompson, Floyd...Dunn, Wis.  
 Thomson, McKee...Lyon, Ky.  
 Tobin, W. W....Sioux, Iowa  
 Trostoy, Joseph...Porter, Ind.  
 Tyler, F. N....Sauk, Wis.  
 Tyson, J. R....Jefferson, Penna.  
 Ulrich, Rose M...Kankakee, Ill.  
 Whitely, Barney...Carroll, Ark.  
 Wilkins, Howard.....  
     .....Yellowstone, Mont.  
 Williams, Marvin...Bracken, Ky.  
 Williams, W. D....Izard, Ark.  
 Wilson, Russell.....  
     .....San Francisco, Cal.  
 Wilson, Thomas...England  
 Wise, Warren....Porter, Ind.

#### Class of 1912-1913.

Abbott, E. L....Kosciusko, Ind.  
 Allen, Austin E....Canada  
 Anderson, Arthur E...Porter, Ind.  
 Anderson, Sanford...Dane, Wis.  
 Arden, Martin....Carlton, Minn.  
 Arecco, Domingo....Porto Rico  
 Arndt, Edyth M...Winnebago, Wis.  
 Ashbrook, G. C....Tulsa, Okla.  
 Baker, Ader.....Macoupin, Ill.  
 Ballenger, Edith...Cook, Ill.  
 Barbee, R. E....Seward, Kans.  
 Barger, A.....Meigs, Tenn.  
 Barnes, Jack.....Fulton, Ky.  
 Barnes, E. E.....Fulton, Ky.  
 Barrett, Thomas.....  
     .....Menominee, Mich.  
 Barton, Ila....Champaign, Ill.  
 Bauer, Harry.....Miami, Ohio  
 Beebe, Harry E....Jasper, Ind.  
 Bell, Arthur.....Porter, Ind.



- Bell, Forest H.....Cook, Ill.  
 Berg, Olga.....Williams, N. D.  
 Bergan, Daniel.....Kankakee, Ill.  
 Bernard, Lallah.....Pope, Ark.  
 Biggart, Lucie.....Porter, Ind.  
 Bitant, Mathew.....Cook, Ill.  
 Bittman, E. S.....Duke, N. D.  
 Black, Rea L.....Cass, Ill.  
 Blankenship, C. McDowell, W. Va.  
 Blankenship, Randolph.....  
     .....McDowell, W. Va.  
 Blunk, Dora.....Porter, Ind.  
 Boggs, J. W.....Laurence, Ky.  
 Bonn, Chas. W....St. Clair, Mich.  
 Bomhard, Albert.....Miami, O.  
 Borrer, Ezra.....Mineral, W. Va.  
 Boshaw, Warren.....Macomb, Mich.  
 Bringle, C. A.....Jasper, Ind.  
 Brown, Heber H.....  
     .....Nicholas, W. Va.  
 Brown, James.....Sheridan, Wyo.  
 Brown, Mildred...LaSalle, Texas  
 Browne, Mary.....McLean, Ill.  
 Brush, Chas. F.....Jackson, Ill.  
 Bryant, Clara.....Lake, Ind.  
 Buck, Robert H.....Marshall, Ind.  
 Buckley, Florence.....Cook, Ill.  
 Bulliner, Frank.....Williamson, Ill.  
 Bundy, Lelia.....Porter, Ind.  
 Butt, D. Karl.....Warren, Ind.  
 Callen, Raymond.....Clarion, Penna.  
 Cannedy, Frank.....Williamson, Ill.  
 Carlson, Arthur...St. Louis, Minn.  
 Carpenter, A. T.....Fleming, Ky.  
 Casper, Guy.....Johnson, Ill.  
 Castaneda, George.....  
     .....Columbia, S. A.  
 Clark, Ralph.....Fountain, Ind.  
 Claudio, Ottilio.....Porto Rico  
 Clemens, Willard.....Putnam, Ill.  
 Cline, Perry.....Bureau, Ill.  
 Cook, Floyd.....Henry, Ind.  
 Coldsnow, V. B.....Williams, O.  
 Coleman, A. C.....Lake, Ind.  
 Coleman, Henry.....Porter, Ind.  
 Collado, Ramon, M...Porto Rico  
 Conley, Paul M.....Sauk, Wis.  
 Conner, George J...Archeta, Colo.  
 Cornett, Marton.....Harlan, Ky.  
 Culbertson, Willard.....  
     .....Livingston, N. Y.  
 Cunningham, W. C. Harrison, Ind.  
 Curran, Julia.....Roberts, S. Dak.  
 Crawford, Walter.....Ford, Ill.  
 Crom, Ward.....Whiteside, Ill.  
 Daly, George A.....Kankakee, Ill.  
 Daniel, John H.....Shawano, Wis.  
 Danner, Arthur R. Harrison, Ind.  
 Darling, Harry A.....Erie, Penna.  
 Darling, J. L.....Pacific, Wash.  
 Davis, Alex B.....King, Wash.  
 Davis, Roy.....Vermillion, Ill.  
 DeBray, I. L.....Blair, Penna.  
 de la Pena, Edmundo.....Texas  
 DeVasier, J. Roberta Allen, Ky.  
 Dial, Earl.....Iroquois, Ill.  
 Dimick, Ralph.....Hardin, Ill.  
 Donham, Frank.....Greene, Penna.  
 Dudley, A. R.....Pike, Mo.  
 Duffy, W. G.....Dawson, Mont.  
 Duggins, Clarence.....  
     .....Weakley, Tenn.  
 Eckfield, Carl.....Tuscola, Mich.  
 Edmonds, Lenore.....Logan, Ill.  
 Edwards, O. D.....Peoria, Ill.  
 England, C. M. Allegheny, Penna.  
 Enslow, Glenn.....Macoupin, Ill.  
 Everest, George A.....Lake, Ind.  
 Evers, Martha.....Porter, Ind.  
 Farrell, Chauncey...Chaffee, Colo.  
 Feldman, Zina.....N. Y., N. Y.  
 Fibick, Michael.....Kings, N. Y.  
 Finfrock, Ruth...Cascade, Mont.  
 Fischbacha, A.....Marion, Ill.  
 Fisher, Leo.....Chickasaw, Ia.  
 Fleming, James.....Mineral, Colo.  
 Ford, B. B.....Champaign, O.  
 Foster, Mary.....Emmet, Mich.  
 Frailey, Florence...Porter, Ind.  
 Francis, Earl.....Iroquois, Ill.  
 Frank, David.....Gogebic, Mich.  
 Franklin, Wallace...Benton, Iowa  
 Froelich, Archie.....McLean, Ill.  
 Galbraith, Freeman...Bracken, Ky.  
 Gambill, W. M.....Lawrence, Ky.  
 Gaum, August.....Germany  
 Garcia, Alfonso.....Spain  
 Gartin, Otto.....Lawrence, Ky.  
 Gartside, Ada.....Mexico  
 Gaylor, Wm. L.....Philippine Is.  
 Gebo, Chester.....Central America  
 Gebo, Dewey.....Central America  
 Geminder, Otto.....Berrien, Mich.  
 Gifford, M. S.....Walworth, Wis.  
 Godshall, Jeanette.....  
     .....Marinette, Wis.  
 Gonyea, Jos. F.....Alcona, Mich.  
 Gonzalez, Edward G...Porto Rico  
 Gonzalez, Diego G...Porto Rico  
 Goodpaster, Floyd...Benton, Ind.  
 Gould, Earl.....Williams, O.  
 Gowler, Sam I.....Jefferson, Ill.  
 Graves, Homer...Calhoun, Mich.  
 Greene, Frederick.....  
     .....Hartford, Conn.  
 Gregg, Clarence. Ritchie, W. Va.  
 Gregorich, Jake. Houghton, Mich.  
 Grkinich, Drago.....Cook, Ill.  
 Groboski, Roman.....  
     .....Lackawanna, Penna.  
 Groff, Esmond.....Billings, N. D.  
 Grooms, L. Roy.....Coles, Ill.  
 Groves, Bonnie.....Nicholas, W. Va.  
 Guerra, Francisco.....Mexico  
 Gunnerson, Duane...Pulaski, Ind.  
 Guzman, Antonio...Porto Rico  
 Hagermann, W. G. Bremer, Iowa  
 Hall, Clay.....Knox, Tenn.  
 Hall, Fanny L.....Lewis, N. Y.  
 Hall, Jessie L.....Clark, S. D.  
 Hanley, Jas. P.....Ohio, W. Va.  
 Hausch, Lester...Wright, Minn.  
 Harlor, Thos.....Allen, Ind.  
 Harris, Roy.....Saline, Ill.  
 Harris, D. V.....Amelia, Va.  
 Hartzler, Henry C.....  
     .....Genesee, Mich.  
 Hatcher, Otto.....Floyd, Ky.  
 Haywood, H. E.....Clark, Iowa  
 Healy, Ed.....Manitowoc, Wis.



- Healy, Gerald...Manitowoc, Wis.  
 Henegren, Martha...Anoka, Minn.  
 Henry, Wallace...Fayette, Ill.  
 Hensel, Laurence...Marshall, Ind.  
 Hernandez, H...Cuba  
 Hickman, P. W...Harrison, Miss.  
 Hoffmeier, Fred L...Pulaski, Ill.  
 Holbrook, J. N...Lawrence, Ky.  
 Holmes, C. Oliver...Cook, Ill.  
 Hopper, Harold...Fleming, Ky.  
 Hoy, Sara...Mifflin, Penna.  
 Hughes, Hugh...Porter, Ind.  
 Hull, Ernest...Manistee, Mich.  
 Hunter, Emory...Winnebago, Wis.  
 Iramy, J. I...St. Joseph, Ind.  
 Jacenski, Ben...Cook, Ill.  
 Jensen, Westie...Polk, Minn.  
 Jimenez, Bernardo...Mexico  
 Johnson, Anna O...Eau Claire, Wis.  
 Johnson, Orrie M...Bureau, Ill.  
 Jones, D. E...Choctaw, Miss.  
 Jones, J. Warren...Clark, O.  
 Judd, Frank...Dane, Wis.  
 Kajander, Selma...Canada  
 Kangas, John...St. Louis, Minn.  
 Kavanaugh, John...Henderson, Ky.  
 Kearney, Wilfred...  
 ...Northumberland, Pa.  
 Keiffer, Ella...Crawford, Ill.  
 Kelso, O. P...Fremont, Colo.  
 Kennedy, Richard...  
 ...Chautauqua, N. Y.  
 Kemp, Clifford...Whiteside, Ill.  
 Kesner, Warren...Crawford, Ill.  
 Kibort, John...Cook, Ill.  
 Kidwell, Ethel...Crawford, Ill.  
 Kimski, C. E...Cook, Ill.  
 King, H. Hall...Jefferson, Ill.  
 Klaric, Stanislaus...Cook, Ill.  
 Klefkamp, Theo...  
 ...Menominee, Mich.  
 Klutts, Allen...Johnson, Ill.  
 Knox, John C...Vermillion, Ill.  
 Koch, Harry...Erie, Penna.  
 Koch, Raymond...Erie, Penna.  
 Koelling, Carl W...Will, Ill.  
 Kohl, Wm. E...Greene, Ill.  
 Kosiba, Walter...Lake, Ind.  
 Koski, Tovia...Shoshone, Idaho  
 Krier, George...Ozaukee, Wis.  
 Krier, Henry...Ozaukee, Wis.  
 Krost, Regina...Clinton, Ill.  
 Krueger, Arthur...Waukesha, Wis.  
 Krueger, Fred W...Waupaca, Wis.  
 LaRabee, Joe...Sedgwick, Colo.  
 LaGue, Harold...Clay, Iowa  
 Lamppa, Isaac...St. Louis, Minn.  
 Lansdown, Fred...Porter, Ind.  
 Lareau, Henry...Iroquois, Ill.  
 Larimer, Weldon...Lagrange, Ind.  
 Larson, Leonard T...  
 ...Columbia, Wis.  
 Latstetter, John A...  
 ...Harrison, W. Va.  
 Leedham, E. R...Henry, Iowa  
 Legg, Clarence...Nicholas, W. Va.  
 Lemster, Bernard...Porter, Ind.  
 Lewis, E. H...Porter, Ind.  
 Lieffers, Peter...Ottawa, Mich.  
 Linstad, Esther...Morton, N. D.  
 Lipinski, Frank...Lake, Ind.  
 Litschi, Andrew...Berks, Penna.  
 Little, Harriet...LaSalle, Ill.  
 Livengood, Fred...Carroll, Ill.  
 Lucht, E. J...Shawano, Wis.  
 Lubbers, Arthur...Sheboygan, Wis.  
 McCauley, Hugh...Cook, Ill.  
 McCormick, Irwin...Lincoln, Wis.  
 McCullough, F. E...Sanilac, Mich.  
 McGrath, James...Buchanan, Iowa  
 McKnight, Alpha...Martin, Ind.  
 McLaughlin, Louis...Richland, O.  
 McKay, George...Harriett, N. C.  
 McNay, Hazel...Porter, Ind.  
 McNeill, Thos. H...Cook, Ill.  
 McPartland, Geo. F...  
 ...Worcester, Mass.  
 McVey, Hiram...Montgomery, O.  
 Macdonald, C. A...Boston, Mass.  
 Malachofsky, John...Cook, Ill.  
 Marks, J. E...Nelson, Ky.  
 Matt, Adelbert W...Clayton, Iowa  
 Mavrich, Alois...Cook, Ill.  
 Melville, John...  
 ...Westmoreland, Penna.  
 Merriman, Hazel...Porter, Ind.  
 Merwin, George...Berrien, Mich.  
 Mercher, John...Massac, Ill.  
 Meyers, Ethel...Whiteside, Ill.  
 Miller, Harrison...Houghton, Mich.  
 Miller, Arthur...Lake, Ind.  
 Miller, Roscoe...Elkhart, Ind.  
 Millikin, Myrtle...Richland, O.  
 Moine, Laura...Olmsted, Minn.  
 Montgomery, Claude...Gibson, Ind.  
 Moore, Harold...  
 ...Sacramento, Calif.  
 Moreland, Edyth...  
 ...Washington, Okla.  
 Morrison, Morley...Iowa, Iowa  
 Mulholland, J. N...Canada  
 Mullen, Olive...Henry, O.  
 Muller, Charles...Iroquois, Ill.  
 Myers, Luther...Hamilton, Ind.  
 Nagle, J. M...Dauphin, Penna.  
 Narkvicz, Walter...Cook, Ill.  
 Naugle, J. Ernest...  
 ...Somerset, Penna.  
 Nelson, Lewis...Dane, Wis.  
 Nestingen, Ingar...Vernon, Wis.  
 Newman, A. B...Cook, Ill.  
 Nickel, Charles...Labette, Kans.  
 Nickell, Harry...Wayne, Ill.  
 Niehaus, William E...Jackson, Ind.  
 Noonan, Mary E...St. Louis, Mo.  
 North, Bessie...Houghton, Mich.  
 O'Brien, P. L...Essex, Mass.  
 Offenbauer, J. R...Kootenai, Idaho  
 Oldaker, James L...Logan, Ill.  
 Omsted, Ruth...Madison, Ala.  
 Orloff, John...Cook, Ill.  
 Osburn, Russell...Grundy, Ill.  
 Paddock, Russell...Tarrant, Texas  
 Parker, Luale...Marion, Ind.  
 Parrish, T. G...Weakley, Tenn.  
 Partland, George G...  
 ...Worcester, Mass.  
 Patton, J. S...Rush, Texas  
 Pederson, Emil...Clay, Minn.  
 Peeler, Alfred...Flathead, Mont.

- Perrult, Reno.....Kankakee, Ill.  
 Peters, D. L.....Perkins, S. D.  
 Petrovich, Nick.....Cook, Ill.  
 Point, Arthur.....Carlton, Minn.  
 Potts, Clarence D...Christian, Ill.  
 Potts, Verna P.....Christian, Ill.  
 Proctor, Gall.....Christian, Ill.  
 Pugh, Fred.....Stewart, Tenn.  
 Ramp, Leland H.....Cass, Ind.  
 Raney, Glenn.....McLean, Ill.  
 Rayburn, John.....  
     .....Armstrong, Penna.  
 Roycroft, Bert.....Gratiot, Mich.  
 Rechenberg, Lillie..LaPorte, Ind.  
 Reiners, Frederick.....Logan, Ill.  
 Reinke, Louis.....Obrien, Iowa  
 Reyner, Lawrence..Washington, O.  
 Rhoades, Virna...Calhoun, Mich.  
 Richardson, C. M.....  
     .....St. Francis, Mo.  
 Rimmer, George.....Jay, Ind.  
 Ring, A. B.....Scott, Ill.  
 Ring, George.....Scott, Ill.  
 Ritenour, Ruth.....Defiance, O.  
 Ritger, August J..Marathon, Wis.  
 Robeson, Arthur...Williams, O.  
 Rockwell, Agnes S..Nassau, N. Y.  
 Roessler, Louise...Porter, Ind.  
 Rohe, Louis.....Ward, N. D.  
 Rost, Christian.....Canada  
 Rounds, McKenzie..Franklin, Vt.  
 Rouby, Joseph.....Tazewell, Ill.  
 Runzo, Thos. S....Indiana, Penna.  
 Pedro, Jose S.....Spain  
 Santo, C. P.....Lee, Iowa  
 Schlutius, Alfred...Iroquois, Ill.  
 Schubert, Joseph..Houghton, Mich.  
 Scott, Harry J.....Wayne, Ind.  
 Scott, Charles.....Wayne, Ind.  
 Seabrook, Marion..Adams, Penna.  
 Seach, J. S.....Clearfield, Penna.  
 Seidholz, Luella...Kankakee, Ill.  
 Sells, Edythe.....Bureau, Ill.  
 Shannon, Tucker...Pike, Mo.  
 Sheets, Edna.....Logan, Ill.  
 Shrewsbury, C. P..Mercer, W. Va.  
 Shileds, Clyde...Venango, Penna.  
 Shirley, S. M.....Clarke, Miss.  
 Simms, S. C.....Ohio, W. Va.  
 Sims, James.....Clay, Ill.  
 Skeels, Grace.....Clay, Ia.  
 Smith, Daniel....Jo Daviess, Ill.  
 Smith, Marion....Conejos, Colo.  
 Smith, Mary B....Huron, Mich.  
 Snider, Clifford C..Porter, Ind.  
 Solbeck, Laurist...Ward, N. D.  
 Somers, Alymon..St. Clair, Mich.  
 Spangler, Margaret.....  
     .....Muskogee, Okla.  
 Spears, Raymond...Rusk, Wis.  
 Speer, Ralph.....Atchison, Kans.  
 Spencer, R. J.....Cook, Ill.  
 Spencer, John H.....  
     .....Chautauqua, Kans.  
 Stager, Arthur..Harrison, W. Va.  
 Stansbury, Dale F..Warren, Ind.  
 St. Clair, Jamison..Benton, Iowa  
 Steibler, Robt....Nemaha, Kans.  
 Stensrud, Nick.....Norway  
 Stitt, Earl.....DeWitt, Ill.  
 Stoltz, Evelyn.....Cook, Ill.  
 Stoner, Lora.....Delaware, Ind.  
 Stott, E. L.....Canada  
 Strong, Roger W...Hardin, Ohio  
 Swartz, Sada.....Piatt, Ill.  
 Syrenson, Minnie.....  
     .....Eau Claire, Wis.  
 Taylor, Emmett...Howell, Mo.  
 Taylor, Maxwell.....  
     .....Crawford, Penna.  
 Templton, John..Cumberland, Ill.  
 Thompson, Ella...Langley, Wis.  
 Threadgill, C. H...Dade, Fla.  
 Todd, Demaree....Fleming, Ky.  
 Toftte, Marguerite..Porter, Ind.  
 Told, Will.....Utah, Utah  
 Tomke, Harlan...Manistee, Mich.  
 Trenery, Curtis B..Clay, Iowa  
 Trygg, Oscar....Burleigh, N. D.  
 Ulrich, Loretta...Marshall, Ind.  
 Valderrama, Hebe...Mexico  
 Valderrama, Libia...Mexico  
 Visti, Nicholas...Iron, Mich.  
 Vistyn, James....Cuyahoga, O.  
 Vold, Martin S...Sargent, N. Dak.  
 Waddell, George...Pike, Mo.  
 Wagner, Ord.....Canada  
 Wallace, Alta.....Porter, Ind.  
 Ward, Rea.....Marshall, Ind.  
 Ware, Burwell..Jefferson, W. Va.  
 Warner, Chauncey..Broome, N. Y.  
 Weber, Wayne.....Logan, Ill.  
 Wellman, Roscoe..Laurence, Ky.  
 Wells, Alma.....Crook, Wyo.  
 Wiley, Fay.....Jo Daviess, Ill.  
 Wheeler, Olive...Canada  
 Whitehead, Bruce.....  
     .....Lycoming, Penna.  
 White, C. E.....Fayette, W. Va.  
 Wiggins, B. C....Calcasieu, La.  
 Williams, Chester Lea...Canada  
 Williams, Milford..Marshall, Iowa  
 Williamson, John.....  
     .....San Bernardino, Calif.  
 Willis, Denver...Canada  
 Wilton, Edith....Macoupin, Ill.  
 Wince, John L...Ritchie, W. Va.  
 Windle, Clyde...Sawyer, Wis.  
 Wolfenbarger, Ethel..Hancock, Ill.  
 Wolon, Matilda..Luzerne, Penna.  
 Wuotila, Aline...St. Louis, Minn.  
 Wyllie, John....Livingston, Ill.  
 Yates, Roy.....Iroquois, Ill.  
 Yota, M.....Japan  
 Youngs, John R...Genesee, Mich.  
 Zozaya, Juan M.....Mexico  
 Zeigler, Homer...Center, Penna.  
 Ziehm, Julius....Wapaca, Wis.  
 Zuerlein, Michael J..Platt, Nebr.



## DEPARTMENT OF SHORTHAND AND TYPEWRITING.

## Class of 1912-1913.

Allen, Fred H....	Berrien, Mich.	Crook, George F....	Gratiot, Mich.
Allenbaugh, Zelma....	Elkhart, Ind.	Curran, Julia....	Roberts, S. Dak.
Amundson, Martha.....		Daly, G. H.....	Kankakee, Ill.
.....)	Beltrami, Minn.	Davis, Agnes....	Lawrence, Tenn.
Anderson, Margie.....		Davis, Alex B....	King, Wash.
.....	Cumberland, Ill.	Davis, O. Wayne.	Effingham, Ill.
Anderson, Geo. M.....		Dawes, Leland....	Oneida, Wis.
.....	Eau Claire, Wis.	De Alby, Clarence.....	
Armstrong, Isla....	Comanche, Texas	.....	Dauphin, Penna.
Arney, A. G.....	Clark, O.	De Albey, Carnie.	Mower, Minn.
Arndt, Edyth.....	Winnebago, Wis.	Dean, Earl.....	Broome, N. Y.
Auerbach, Sadie....	Queens, N. Y.	De Vasier, J. Roberta.	Allen, Ky.
Baisenger, Pauline....	Clark, O.	De Witt, Hazel....	Porter, Ind.
Ballenger, Edith.....	Cook, Ill.	Dickens, D. Robert.....	
Banta, Willard.....	Porter, Ind.	.....	Johnson, Tenn.
Barnes, Irvin....	Muhlenburg, Ky.	Dilley, Vera.....	Porter, Ind.
Barton, Ila.....	Champaign, Ill.	Dimick, Ralph....	Hardin, Ill.
Bauer, Harry.....	Miami, O.	Doane, Genevieve.	Walworth, Wis.
Beebe, Harry E.....	Jasper, Ind.	Dorough, Tera....	Jefferson, Ala.
Belch, Mildred.....	Cook, Ill.	Duclos, Cora.....	Porter, Ind.
Bergan, Daniel....	Kankakee, Ill.	Dufant, Alfred....	Plymouth, Mass.
Bernard, Lallah.....	Pope, Ark.	Duggins, Clarence.....	
Bishop, Frank C....	Otsego, Mich.	.....	Weakley, Tenn.
Bissell, Earle....	Chautauqua, N. Y.	Duncan, Carrie....	Porter, Ind.
Blair, Ruby.....	Jewell, Kans.	Durdy, R. M....	Montgomery, Ill.
Bliss, J. L.....	Porter, Ind.	Durkee, Frances....	Shelby, Ill.
Blue, Hazel.....	Kings, N. Y.	DuVall, Linnie....	Porter, Ind.
Bogen, Sam.....	Lincoln, Minn.	Dutton, Oliver....	Itasca, Minn.
Bohard, Jas.....	Cook, Ill.	Dyer, Fred.....	Pendleton, W. Va.
Bomhard, Albert E....	Miami, O.	Eaton, Kent.....	Randolph, Ark.
Braselton, Boyd....	Parker, Texas	Eckholm, Arvid....	Kossuth, Iowa
Breen, Kathleen....	Starke, Ind.	Edmiston, Emma....	Moultrie, Ill.
Brewer, Emily....	Mahaska, Ia.	Edmonds, Lenore....	Logan, Ill.
Brinck, Gertrude....	Defiance, O.	Elam, Maud.....	Butler, Ohio
Broderick, Gordon.....		Elsner, Anna.....	Cedar, Iowa
.....	Winnebago, Wis.	Evers, Martha....	Porter, Ind.
Brook, Rose.....	Newton, Ind.	Farrell, Chauncey.	Chaffee, Colo.
Brown, Dama M....	Nicholas, W. Va.	Feldman, Zina....	Queens, N. Y.
Brown, Everett....	Montgomery, Ill.	Finfrock, Ruth....	Cascade, Mont.
Browne, Mary.....	McLean, Ill.	Fisk, C. R.....	Henrico, Va.
Bruhn, Edythe....	Porter, Ind.	Forsythe, C. H....	Blackhawk, Ia.
Buck, Robert.....	Denver, Colo.	Foster, Gladys L....	
Buckley, Florence....	Cook, Ill.	.....	Van Buren, Mich.
Campbell, Gaytha....	McLean, Ill.	Foster, Mary.....	Emmet, Mich.
Cannon, B. H....	Champaign, Ill.	Frailley, Florence....	Porter, Ind.
Carter, Binnie....	Simpson, Ky.	French, Rose.....	Gibson, Ind.
Centena, Marcial.....	Cuba	Fry, Elizabth.....	Porter, Ind.
Chambers, Carleton D.....		Garner, Grace.....	
.....	Gratiot, Mich.	.....	Huntingdon, Penna.
Chapell, Lillian.....	Canada	Gartin, Otto C....	Lawrence, Ky.
Childs, Blanche....	Starke, Ind.	Gartside, Ada.....	Mexico
Childs, Gladys....	Starke, Ind.	Giesting, Virginia.	Jefferson, Ala.
Chipman, Laura.....	Cook, Ill.	Gilbert, James C....	Bay, Mich.
Christofferson, Clara.....		Giralt, Emilio.....	Cuba
.....	Winnebago, Wis.	Glidden, Harold B....	
Clarke, Bascom.....	Floyd, Ky.	.....	St. Clair, Mich.
Coash, Carrie.....	Porter, Ind.	Gober, Nana.....	DeWitt, Ill.
Cochran, Emeretta....	Wells, Ind.	Godshall, Jeanette.....	
Collar, Lillian.....	Porter, Ind.	.....	Marinette, Wis.
Conroy, Elliott....	Lake, Ind.	Goedecke, Walter....	Sauk, Wis.
Cook, Chas. W.....	Pulaski, Ill.	Goldammer, M. L....	
Cook, Floyd.....	Henry, Ind.	.....	Sheboygan, Wis.
Cope, Marguerite....	Johnson, Ill.	Goldberg, Adolph.....	
Courtright, Nathan....	Lake, Ind.	.....	Allegheny, Penna.
Crisman, Ella.....	Morgan, Ohio	Gombert, Katherine.	Cuyahoga, O.

- Gonyea, Joseph F..Alcona, Mich.  
 Goodpaster, Floyd..Benton, Ind.  
 Gough, Ruth.....Lake, Ind.  
 Groboski, R. J.....  
 .....Lackawanna, Penna.  
 Grady, Emil.....Brown, S. Dak.  
 Graham, Earl E.....Marion, Ill.  
 Graham, William..Sanilac, Mich.  
 Grant, A.....Porter, Ind.  
 Green, Carrie M...Cascade, Mont.  
 Greene, Frederick...Porter, Ind.  
 Gregory, M. E.....Canada  
 Groff, Esmond....Billings, N. D.  
 Grooms, L'Roy F....Coles, Ill.  
 Groves, Bonnie Mae.....  
 .....Nicholas, W. Va.  
 Hackett, J. R.....Hartford, Conn.  
 Haden, Vessie.....Ballard, Ky.  
 Hall, Fanny L.....Lewis, N. Y.  
 Hall, H. C.....Union, Ill.  
 Hall, Jessie E....Clark, S. Dak.  
 Hall, Mariana..Socorro, N. Mex.  
 Hamlin, Merle C.....  
 .....Susquehanna, Penna.  
 Handley, Annette.....Cook, Ill.  
 Hansch, Lester...Ward, S. Dak.  
 Harder, Howard W.....  
 .....Genesee, Mich.  
 Hardy, Lotta.....Denver, Colo.  
 Harger, Harriett..Oneida, N. Y.  
 Harper, Estelle...Crawford, Ill.  
 Harrison, Marjory.....Knox, O.  
 Hasemeyer, Earl..Kankakee, Ill.  
 Hatcher, Otto P.....Floyd, Ky.  
 Healy, Edward..Manitowoc, Wis.  
 Healy, Gerald..Manitowoc, Wis.  
 Healey, Joseph..Hillsboro, N. H.  
 Hershman, N. E.....Porter, Ind.  
 Heywood, H. E.....Clark, Ill.  
 Hicks, Wirt T....Caroline, Va.  
 Hildebrand, Helen...Lake, Ind.  
 Hollak, Joseph.....Lithuania  
 Holbrook, J. N...Jessamine, Ky.  
 Holloway, Garrett..Morgan, Mo.  
 Honeywell, Ira R....Green, Wis.  
 Hoover, Louise...Porter, Ind.  
 Horan, Irene..Nicholas, W. Va.  
 Howle, Mrs. E. O..Jefferson, Ala.  
 Hoy, Sara.....Mifflin, Penna.  
 Huddleston, Grace...Porter, Ind.  
 Isakson, Esther S...Lake, Ind.  
 Jarrett, Frank.....LaPorte, Ind.  
 Jessup, Dora...Kalamazoo, Mich.  
 Johnson, Alma...St. Louis, Minn.  
 Johnson, Anna...Eau Claire, Wis.  
 Johnson, B. W...Lancaster, Va.  
 Johnson, J. T....Franklin, Va.  
 Jones, J. Warren...Clark, Ohio  
 Kavanaugh, John..Henderson, Ky.  
 Kearney, Wilfred.....  
 .....Northumberland, Pa.  
 Keffer, Eleanor...Blair, Penna.  
 Kemp, Clifford...Whiteside, Ill.  
 Kennedy, Richard.....  
 .....Chautauqua, N. Y.  
 Keys, Anne.....Starke, Ind.  
 Kidwell, Ethel...Crawford, Ill.  
 Kimball, Lewis..Franklin, Mass.  
 Kimball, Lucy F..Franklin, Mass.  
 King, Alice N.....Porter, Ind.  
 Klavon, Anna.....Cook, Ill.  
 Kleikamp, Theo.....  
 .....Menominee, Mich.  
 Klitzing, Walter..Eflingham, Ill.  
 Knauss, Louise...Lincoln, Wis.  
 Koski, Jacob....Kittson, Mich.  
 Krost, Regina.....Clinton, Ill.  
 Krueger, Fred....Waupaca, Wis.  
 Lamach, Anton..Manitowoc, Wis.  
 Lamppa, Isaac...St. Louis, Minn.  
 Laricy, Nellie.....Starke, Ind.  
 Lauterbach, Lydia....Cook, Ill.  
 Lavery, T. C.....Barton, Mo.  
 Lewis, Florence...Berks, Penna.  
 Lewis, S. F.....St. Croix, Wis.  
 Linstad, Esther...Morton, N. D.  
 Lisius, Fred.....Lake, Ind.  
 Litsche, Andrew...Berks, Penna.  
 Little, Harriett...LaSalle, Ill.  
 McCauley, Hugh.....Kane, Ill.  
 McCormick, Irwin..Lincoln, Wis.  
 McCrimmons, Florence...Canada  
 McGhee, Gertrude...Fulton, Ill.  
 McGill, Marguerite.Osceola, Fla.  
 McIntosh, P. A..Bottineau, N. D.  
 McIntyre, Fannie B..Porter, Ind.  
 McLean, Clara A..Sanilac, Mich.  
 McNay, Hazel.....Porter, Ind.  
 McNeill, Thos. H.....Cook, Ill.  
 Magruder, E. L..Jefferson, W. Va.  
 Main, Ruby.....Floyd, Ind.  
 Maina, Ada.....Cook, Ill.  
 Marquardt, Edna..LaPorte, Ind.  
 Martin, Lytle E..Randolph, Ark.  
 Mason, Mary H...Blackford, Ind.  
 Maull, Bernard...Waupaca, Wis.  
 Mayfield, Joseph..Grimes, Texas  
 Mayhugh, Eustace...Butler, Ky.  
 Maxey, James H...Monroe, Ky.  
 Maxey, Thos. J..Williamson, Ill.  
 Merrill, Jos. B.....  
 .....San Francisco, Cal.  
 Merwin, Miles....West Indies  
 Metcalf, Howard..Whiteside, Ill.  
 Metherell, Mabel N.....  
 .....Marquette, Mich.  
 Meyers, Ethel...Whiteside, Ill.  
 Michael, Sanford..Hamilton, Ind.  
 Miller, A. W.....Allen, Ind.  
 Miller, M. Irene...Stanley, N. C.  
 Miller, W. F....Sedgwick, Kans.  
 Mitchell, Ruth.....Porter, Ind.  
 Moine, Laura M..Olmsted, Minn.  
 Moore, Harold E.....  
 .....Sacramento, Calif.  
 Moreland, Edyth Y.....  
 .....Washington, Okla.  
 Moyan, Zade....Gallatin, Mont.  
 Morgenstern, R. H.....  
 .....Chautauqua, N. Y.  
 Morris, Arthur....Fulton, Ky.  
 Mullen, Olive....Henry, Ohio  
 Myers, Helen M....Jackson, Ore.  
 Nagle, J. M..Northumberland, Pa.  
 Narkvicz, Walter....Cook, Ill.  
 Naugle, Ernest J.....  
 .....Somerset, Penna.  
 Neathery, Orville..Fayette, Ill.  
 Nelson, Ruth.....Porter, Ind.  
 Newton, Myrtle...Newton, Ind.



- Nicholls, Homer.....Knox, Ohio  
 Nichols, Margaret L. Porter, Ind.  
 Noonan, Mary C. St. Louis, Mo.  
 North, Bessie...Houghton, Mich.  
 Ohlfest, Anah.....Kay, Okla.  
 Ohlson, Bessie I. New Madrid, Mo.  
 Olson, Charles. Crawford, Penna.  
 Omsted, Ruth....Madison, Ala.  
 Paddock, Arthur. Tarrant, Texas  
 Paddock, Russell. Tarrant, Texas  
 Palmatier, Janet. Elkhart, Ind.  
 Parks, Emery...Porter, Ind.  
 Pena, Carlos.....Cuba  
 Penn, Ernest B....Osceola, Fla.  
 Peregrine, Moore...Porter, Ind.  
 Peterson, Gordon. Marinette, Wis.  
 Pfeifer, Mary.....Pulaski, Ind.  
 Phillion, James W. Otsego, Mich.  
 Phillippe, Una...Champaign, Ill.  
 Pickering, H. C....Sauk, Wis.  
 Prickett, Howard. Elkhart, Ind.  
 Puhakka, Freda...Fremont, Wyo.  
 Ramp, Leland.....Cass, Ind.  
 Rathenberger, George.....  
 .....Bureau, Ill.  
 Reategue, M. S....Brazil, S. A.  
 Rechenberg, Lillie. LaPorte, Ind.  
 Regner, Lawrence G.....  
 .....Washington, Wis.  
 Rhoades, Virna...Calhoun, Mich.  
 Riemer, Mabel A.....  
 .....Milwaukee, Wis.  
 Riegenbach, Mary. Wetzel, W. Va.  
 Ringger, Mary...Baltimore, Md.  
 Ritenour, Ruth...Defiance, Ohio  
 Robinove, Herman.....  
 .....Susquehanna, Penna.  
 Robnett, Myrtle.....Pope, Ill.  
 Rockwell, Agnes...Nassau, N. Y.  
 Rohe, Louis.....Ward, N. D.  
 Rosbery, Belle S. Livingston, Ill.  
 Rounds, McKenzie. Franklin, Vt.  
 Runzo, Thomas S....Porter, Ind.  
 Scanlin, Frank....Pulaski, Ill.  
 Schopmeyer, Clara...Clay, Ind.  
 Schuler, Joseph. Houghton, Mich.  
 Schulz, Julius.....Vilas, Wis.  
 Scott, Katie.....Moultrie, Ill.  
 Scriven, Florence. Clinton, Mich.  
 Seitz, Lela.....Marshall, Ind.  
 Sells, Edythe.....Bureau, Ill.  
 Senter, Lorena....Menard, Ill.  
 Shaff, Jesse.....Erie, N. Y.  
 Sharpnack, Lindsey.....  
 .....Greene, Penna.  
 Shapero, H.....Lucas, O.  
 Sheets, Edna M....Logan, Ill.  
 Sherman, Frances...Porter, Ind.  
 Shields, Clyde. Venango, Penna.  
 Shisbey, Gladys.....  
 .....Washington, Penna.  
 Smith, Clint.....Clay, Ill.  
 Sigler, Elmer....Mohave, Ariz.  
 Skeels, Grace.....Clay, Iowa  
 Skelly, Lynn.....Norfolk, Wis.  
 Smith, G. B.....Spencer, Ind.  
 Smith, Lester H.....Clark, Ill.  
 Smith, Mary B....Huron, Mich.  
 Smith, Pearl.....Lewis, Mo.  
 Snodgrass, Homer C. Benton, Ark.  
 Solbeck, Lewis...Ward, N. Dak.  
 Southwick, Leroy. Olmsted, Minn.  
 Spangler, Margaret. Union, Ohio  
 Speer, Ralph.....Porter, Ind.  
 Squarcy, M. V.....Cook, Ill.  
 Stalnaker, Charlie. Lewis, W. Va.  
 Stansbury, Dale F.. Warren, Ind.  
 Stathem, Dorcas.....Cook, Ill.  
 Steele, Clarence...Monroe, Wis.  
 Steele, Roy E....Brown, S. Dak.  
 Sullivan, Catherine. Porter, Ind.  
 Swartout, Alice B....Porter, Ind.  
 Swartz, Sada L.....Piatt, Ill.  
 Switzer, Ethel.....Starke, Ind.  
 Symons, Nina.....Iron, Wis.  
 Syverson, Minnie. Eau Claire Wis.  
 Talbott, Geo. W. Whiteside, Ill.  
 Thacker, Nola.....Johnson, Ind.  
 Thielen, Arthur...Itasca, Minn.  
 Thompson, Ella...Langlade, Wis.  
 Thorson, Torleiv.....Canada  
 Tichenor, Eva.....Moultrie, Ill.  
 Tofte, Marguerite...Porter, Ind.  
 Toivonen, A. A. Ontonagon, Mich.  
 Tomer, Mrs. Nellie A.....  
 .....Sangamon, Ill.  
 Trastoy, J.....Porter, Ind.  
 Tuggle, Blanche...Knox, Ky.  
 Tully, Grace....Fayette, W. Va.  
 Ullrich, Rose....Kankakee, Ill.  
 Ulrich, Loretta...Marshall, Ind.  
 Valderrama, Hebe F....Mexico  
 Valderrama, Libya.....Mexico  
 Victory, Armel...Cameron, Penna.  
 Vistyn, James....Cuyahoga, O.  
 Waddell, Marie....Desha, Ark.  
 Wallace, Alta....Porter, Ind.  
 Walls, William...Wayne, Ohio  
 Walt, Marie.....Shelby, Tenn.  
 Walt, R. O.....Marion, Ore.  
 Ward, Mary E.....White, Ind.  
 Ward, Rea H.....Marshall, Ind.  
 Waters, Edna....Benton, Iowa  
 Wheeler, Frederick. Hardin, Ill.  
 Wiggins, B. C....Calcasieu, La.  
 Wilcox, Bertha M.....  
 .....Santa Rosa, Fla.  
 Williams, Harry...Miami, Ind.  
 Williamson, Blanche. Porter, Ind.  
 Wise, Warren.....Porter, Ind.  
 Weatherly, Mary...Clark, Ill.  
 Wee, C. S.....China  
 Wells, John C.. Pendleton, Ky.  
 Wellman, Roscoe. Lawrence, Ky.  
 Wolcott, Charlotte.....  
 .....New Haven, Conn.  
 Wolon, Matilda. Luzerne, Penna.  
 Wuotila, Aline. Floodwood, Minn.  
 Zeike, Emma.....LaPorte, Ind.  
 Zint, Zella.....Hopkins, Texas